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ME STORIES

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OUR COYES Harriston in splends in the manable energy, "A Trip in the enter of the Energy," by Jules Verna. Here we spe our in spend applicates about pergit as the appear of one of the guest a mission receiving the great factor feet. "A Trip to the Campy of the Tarth", by July Verne, com-

DOW TO STRUCTURE FER. "MANIFES STRAIGS - Set you can be been by the common statement of the first of the Cyr. Sector and between the statement of the first statement between our re-main bands of the straigs of the common the common statement of the common of the common statement of the common of the common of the effective of the common of the common of the common of the common of the effective of the common of the common of the common of the common of the effective of the common of the effective of the common of

AND STORES IN CAPACIDA SE PER POR SE AND SE PER POR SE THE RESERVE OF THE PARTY OF THE T. J. Sandani Abertain Commercia Firmer & Steron, 720 Com Ki., Gringe, 58

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# ME STORIES THE MAGAZINE. CIENTIFICTION



HUGO GERNSBACK IE R. Editor D' DR. T. O'CONOR SLOANE, M. A., Ph.D. Passeine Editor Editorial and General Offices -. . . S Park Place, New York, N. Y.

tranggant Fiction Today - - - Cold Fact Townson

THE LURE OF SCIENTIFICTION

# By HUGG GERNSBACK, F.R.S. more fortunate-hut not so very much more. In 5

CIENTIFICTION is not a new thing on this planet. While Edgar Alian Poo probably was one of the first to concelled the idea of a spientific story, there are tinction authors before him. Perhaps they were not such outstanding figures in literature. and perhaps they did not write what we understand an author of amountifiction, powertheless had enough his own mind that were only to materialize contribes

There may have been other scientific prophets, if not screetifiction writers, before his time, but the that we cannot really be sure who was the real in-

In the eleventh century there also lived a Francison much, the amering as well so famous Roger Bacar (1214-1214). He had a most asteunding and grollle imagination, with which he feesaw many of our present-day, wonders. But an an author of exectifiction, he had to be extremily careful because in these days it was not Shealthy' to revelot discount the manuscript-to me appear-us a metminds to surravel the actoniching scientific prophe-

The referribilition writer of today is somewhat To Vacionity Librar of the 1984th App-in godfall with have a godfall with the financial growth as the branching can, he studied growth the branching can, he studied growther growth the barriers and the growth and the

a depresed when he do so to bloom fresh with behalf seems to un, an impussible tale, but in our inner contemporaries of Roger Bason. We have not learned much in the interval. Even used a comparatively tame invention as the submarine, which was predieted by Jules Verne, was greated with decrease hughter, and he was depointed in many queriers. L only forty years after the prediction of the modern submarine by Verne, it has become a vaulity writers, frankly impossible today, that may set be writers, trainey impossible today, then may not be come a reality tomerrow. Frequently the enthor himself does not realize that his very fastantic years may come true in the future, and often he, himself, does not take his prediction seriously.

But the seriously-minded scientifiction render ab-

or invention suggested by some author of scients One-of our great surprises since we started publishing Amazino Strongs is the tremendous smouth of mul we receive from shall we call them "Scouthfiction Fans" "-who saim to be needly seen scientaind in this sect of literature. From the men pustions for repelets that are coming to these fune" seem to have a holby all their ours of hurs. tions on to stories of which, frankly, we have no record, although we have a list of some 600 or 70

else of which we know,

# A TRIP to the CENTER of the EARTH

Author-"Around the World in 80 Days", "Off on a Comet", etc.; etc.



were no effect more than transmission in sittle from the committee of grant and a committee of the committee

DROFESSOR Harwing, chemist, philosopher, extravalogist, etc., while delighting in a rare, ald edition by a famous Icelandis author, soexpectedly source upon a mysterious parakment, apfeater and Harry-his nephew and camil, who also the hey to the secret code and read the following engages "Denseud into the senter of Yebri of Suckels, maich the chade of Scarturis covers be-

will reach the center of the carth, I did it .- Arme The professor decides that they will make the trip and also reach the center of the carth. Three dans judgment-start for lookand and Mount Sneffelt,

word, and Harry's function When they got to Iceland, they are fortunate enough to obtain the corpless of Hone, a true Icelandic quide-only, stylid and describble. After muserous adventures and interesting encounters and difficult climbing they reach the top of Mr. Sucfels and then descend into its crater-and thru following correctly, the directions of the message. So for the verty is claimed with the wonders of their expressedings as they descend deeper and deeper inthe desper wells by moone of sturfu ropes desided re-assured of the truth of the mysterious message, sohen they noticed a rock, below the crater, hearing

### A Trip to the Center of the Earth By JULES VERNE PART II CHAPTER XVI the eight of a Gothic cathedral. The great artistic

The Eastern Tunnel SHE next day wan Tasaslay, the 2d of July -and at ere o'clock in the morning we resurred our Journey. We still con-Log timed to fellow the gallery of lava, a perfect natural nathway, as easy of denount as some of those inclined planes which, in very old Germon bouses, serve the nurrose of state-

coses. This worst on portil seventeen reinpres past at which we rejoined Hans, who having been somewhat in advance, had antifertly stopped, "At last," cried my

and with a stable lectured for a could-or rather comuncle, "we have reached I looked wonderingly forms of prehitters life ore encountered, and dangers are not units. But our travelers set thrench oil their about me. We were in the center of four cross teths - somber and narrow tunorels. The question now arose as to which it was itsulf was no small diffienity. My mide who did

any haritation about the matter before either me or the guide, at cope made up his mind. He pointed quietly to the costern turnel; and, without dolay, Besides, had he entertained any feeling of hesitathere was no indication by which to determine on a choice. It was absolutely necessary to trust to The descent of this obscure and narrow gallers

sculptors and hunders of the middle area might have here carroleted their studies with advantage. Hany most beautiful and suggestive ideas of archi-After passing through this phase of the cavernous way, we suddenly came, about a mile farther on open a senare system of arch, such as that edopted and keeping up the weight of the roof. Suddenly low antherranean tunnels

which looked like beaver holes, or the work of foxes. Through these nerhad literally to craw! The heat still remained at opite a surportable durree. With an involuntagy shudder, I reflected on what the heat must have been when the volcame of Smelfels was pour-

Pallone our franciers through these emiling eleptore. streams of melted lavaall of which must have were now following. I could imagine the torrents of hot, seeiling stone duting on, totbling up with accompanitoests of smoke, steam, and sulphurous steach! "Only to think of the consumences." I mused, "If the old volence were once more to get

I did not communicate these rather unpleasant reflections to my uncle. His only idea was to so ahead. He welled he slid he simbered over piles of fragments, hearolled down heaps of broken lava, with an earnestning and conviction it was impossithrough a succession of arches, its course very like hie not to admire.

#### At six o'clock in the evening, after a very wearilamp. From being coated with shining and resome sourney, but one not so tirms as before, we splendent lave, it became living rock. The eiden

not gone more than a mile downwards. My uncle, as usual, once the signal to halt. We ate our meal in thoughtful silence, and then retired to alone. Our arrangements for the night were very primitive and simple. A traveling rug, in which each rolled himself, was all our belding. We had no necessity to fear cald or any unpleasant visit Travelers who hery themselves in the wilds and deoths of the African desert, who seek profit and

pleasure in the forests of the New World, are comsleep; but in this region of the earth absolute solitude and complete security reisened ausreme. After a night's smeet renass, we amake fresh and ready for action. There being nothing to detain us,

we started on our fourney. We continued to hurrow through the laws tunnel as before. It was impossiway. The turnel, moreover, instead of going down into the bowels of the earth, became absolutely horizontal. I even thought, after some examination,

that we were actually-tending upwards. About ten o'clock in the day this state of things become no cleer, that finding the change very fatiguing I was obliged to stacked my more and finally to come to a halt "Well" said the Professor enterly, "what is

cornect reply. "What," cried my uncle, "tired after a three hours' walk, and by so easy a road?" "Reav speurb. I dure say, but very fatiguing," "But how can that be, when all we have to do is to so desenwards."

"I beg your pardon, sir. For some time I have noticed that we are going unwards, "Howards," orled my made shrurging his shoulders, "how can that he !" "There can be no doubt about it. For the last

half hour the slopes have been upward-oud if we go on in this way much longer we shall find ourselves My uncle shock his head with the air of a man who does not want to be convinced. I tried to contime the conversation. He would not answer me.

but once more gave the signal of departure. His effence I thought was only caused by concentrated However this might be, I care more took up my lead, said renalistely followed Hans, who was now in even distanced. The very idea of being left behind, lost in that terrible laborinth, made me shiwer as with the ague. Besides, if the aspending noth was more arduous and mainful to clamber. I had one

source of secret consolution and delight. It was to all appearance taking us back to the surface of the earth. That in itself was hopeful. Every step I took confirmed me in my belief, and I began already with my pretty little openin. About twelve elolock there was a great and sudden vertical. We were now in what the secological profewrore call a state of transition, in the rected of Subarian roses. "I can see, clearly now," I cried; "the sediment from the waters which once cowned the whole earth, formed during the accord period of its existence, these solusts and these calcarnous rocks. We are trouble our backs on the grapita I might just as well have kept my observations to myself. My geological enthusiasm got the better

of my cooler judgment, however, and Professor Hardwigg heard my observations, "What is the matter now?" he said, in a tone of erest eravity. "Well," eried I "No was not see these different layers of calcureous rocks and the first indication "Well; what then?" "We have arrived at that period of the world's

existence when the first plants and the first animals made their appearance." "Yes, look; examine and looks for yourself." I induced the Professor with some difficulty to cart the light of his lamp on the sides of the long wind-

lne gallery. I expected some exclumation to burst from his line. I was very work wistaken. The worthy Professor never spoke a word. "The fact is, I am dreadfully tired," was my me or not. Perhaps it was possible that in his pride left the region of lava, and that the road by which we were oning could not take un back to the great

erater of Hount Sneffele. "At all events, if I am right," I thought to movelf, "I must certainly fad some remains of primitive plants, and it will be absolutely necessary to give way to such indubits ble swidznee. Let us have a good search," I accordingly lost no opportunity of searching, and had not gone more than about a hundred yards, when the evidence I sought for cropped up in the

for during the Silurian period the sees contained no stable species. My feet so long accustomed to the treading on a kind of soft dust, the remains of plants and shells. Upon the walls thouselves I epuld clearly make out the outline, as plain as a sun nicture, of the fucus and the lycopods. worthy and excellent Professor Hardwigg could not, of course, racks any mistake shout the matter; but tinued on his way with a firm and unalterable sten. I becan to think be was carreing his obstinecy a great deal too far. I could no longer act with prodence or composure. I stecoed on a subten and

picked up an almost perfect shall, which had undoubledly belonged to score animal very much resembling some of the present day. Having secured the price. I followed in the wake of my proje.

# A TRIP TO THE CENTER OF THE EARTH "Well," cold the Professor, with the most too perturbable trangullity, "It is the thell of a cruster previous results, nature and execution had made

trocous animal of the extinct order of the tribbites; nothing more I senare you."
"But," oried I, much troubled at his coolman, "do you draw no corollation from 115"
"Wall If I was are what recolution do you draw

yed sinw no conculien from 117"
"Well, if I may sak, what conclusion do you draw from it yourself?"
"Well, I thought—"
"I have, my key, what you would say, and you

"I lines, my hey, what you would say, and you are right, perfectly and incententably right. We have finally abundaned the crust of have and the road by which the laws seconded. It is quite possible that I may have been mistaken, but I shall be unable to discover my error until I get to the end

unante to discover my serve until I get to the end
of this gallery."
"You eve quite right as far as that is concerned,"
I replied, "and I should highly approve of your
decision, if we had not to fear the greatest of all

decision, if we had not to fear the greates dangers."
"And what is that?"
"Want of water,"

"Well, my dear Harry, it can't be helped. We must put curselves on rathers." And on he went.

And on he went -CHAPTER XVII. Denser and Denser-The Coal Mine

In North, we were compelled to put ourselves upon radians. Our sizely would certainly hast are not more than three days. I found this out that the contract of the contract of

ter with my make. He would have aumeered by come action from Plates.
During the whate of the next day we proceeded on our journey through this interminable getter, we willout acchanging a world. We had become as mote and relicious at Heas, our guide. The root had no knager an apsured teologogy; at all events, if it had, it was not to be made out very clearly. Synchrone there must be not dear that we were the processing the support of the contraction of the in the distinguished, and was by no means recover-

lag to the Profitant, Peculin In character of the strates was in no wise modified, and the tramitton character, the roots became more and more marked.

It was a physical eight to see how the electric light brought to the aparales in the waits of the exhaustors roots, and the did not strateters. One might have finited thread it has not those days extings in Decounter, which have given their sames to this kind of our Stree magnificent specimen or

again resignation, or a sparsata in the values or assignification of the signature of the values of the mainful have functed limited in some of those deep catchings in Deconsisting, which have given their name to this kind of tool. Streen magnificent specimens of markle projected from the sides of the pulbery nonzero contribution of the sides of the pulbery nonzero characters, existence of a spilow specific color, will prefer being farther off might be seen samples of color which therepaidted powers more to be found in a which therepaidted powers more to be found in

considerable progress. Instead of the reducentry tribbless, I previoud the senants of a more parfect order. Among others, the sish is witch the speed of a geological than been sish to discove the first form of the regists. It was quite evident to me that we vere ascending the evole of animal life of which mus forms the summit. My excellent such, the Professors, appared and to this sociate of these worships. He was determined at any risk in procord.

The must have been in expectation of one of two things; either that a vertical wall was about to open under his fact, and thus allow him to contine his decent, or that some haurmountable obstacle would compel us to stop and go book by the roof we had so long traveled. But evening came again, and, to my horror, neather hore was deatined to be realized.

On Priday, after a night when I began to feel the guarding square of thinks, and when in consequence appetite decreased, our little load rose and once more followed the turnings, and washings, the ascents and descents, of this interminable pollory. All were sulest and gloomy. I could see that even my unche fall that we had selventured too far. After about the hours of fatther gregores,—e.

pragrees dull rad monitorious to the lost degreerentrated that the reconstruction, on effections of contracting the lost of the contract of the contract of the lost of the radius of the contract of the contract of the lost of the contract of the lost of the contract of the lost of the lost of the lost of the leaving in their places a defit and glosmy wall, contract that the lost of the lost of the lost of the contract of the lost of the lost

"A coal mine without miners," respected my uncle, a little sowerely.
"How can we told?"
"I can tell," explied my uncle, in a sharp and flowforth tone. "I am perfectly certain that this gal-

all fery through successive layers of coal, was ask suffit by the hard of man. But without it is the wark of a makes or not in of lithic consert to m. The hear for cur aware greatly as the consert to m. The hear for the coal f

could be considered as the could be considered as the could be could be could be could be compared to compare the could be compared to compare the could be compared to the could be could be compared to the could be c

accuter, others of a yellow specified color, with red | I saw at each that the hand of man could have had in; farther off might be seen sample of color sufficient to be with this case layming the want above which charpytiched source wave to be found in word have fallow in; even now it was only belt are their beginner thades.

Sether by some miracle of nature. This mighty-red requires the property of these marghes were started eveny was about a hundred dest wise, but

### AMAZING STORIES about a hundred and fifty high. The earth had evi-

deathy been forced apart by some violent sobtenraneon commetion. The man, giving way to a prodigious upheaving of nature, had split in two, leavearth had penetrated for the first time.

The whole singular history of the coal paried was written on those dark and girceny walls. A greinglit would have been able easily to follow the differout phases of its formation. The seams of coal

were separated by strain of sandstone, and by a compact clay, which appeared to be crushed down by the weight from above.

the length of the road, by giving myself up wholly to these geological considerations. The temperature continued to be very much the same as while we were traveling smid the love and the schists. On

the other hand my sause of small was much offerted by a very powerful odor. I immediately knew that the suffery was filled to overslowing with that dancarous gas the miners call fire-damp, the explosion of which has coused such fearful and terrible arei-

Happily, we could illuminate our progress by

means of the Rohmlerf argoratus. If we had been so rosh and improduct as to evalure this palkery. torch in hand, a terrible explosion would have not

would be left. Our excursion through this wondrous coal mine in the very bowels of the earth leaded until evening. and dissatisfaction at the road continging still to advance in a horizontal direction. The devkness dense and opaque, a few yards in advance and in the

rear, rendered it improvible to make out what was the length of the gallery. For myself, I began to believe that it was simply interminable, and would

Suddenly, however, at six o'clock, we stood in front of a wall. To the right, to the left, above, below, newhere was there any passage. We had reached a spot where the rocks said in unmintakable accents-No Thoroughfurs, I stood stupsted, The

guide simply folded his arms. My unch was allest. "Well, well, so much the better," cried my uncle, at last. "I now know what we are about. We are decidedly not upon the road followed by Saknassem. All we have to do is to po buck. Let us take one night's good rest, and before three days are over,

I promise you we shall have regained the point where the galleries divided," "Yes, we may, if our strength lasts as leag," I coied in a largestable voice.

"And way not?" "To-morrow, among us three, there will not be a drop of water. It is just gone,"

"And your courses with it," said my uncle, speaking in a severe tone. What could I say? I turned round on my side, and from sheer exhaustion fell into a heavy, but troubled alone. Dreams of water! And I awake unrefrushed. I would have burtered a diamond more for a shap of pure spring water!

CHAPTER XVIII The Wrong Road TEXT day, our departure took place at a very early hour. There was no time for the least dalay. According to my account, we had five days' hard work to got back to the place where the galleries divided.

I out pever tell all the sufferings we endured uren our return. My uncle hore there like a man who has been in the wrong-that is, with concentrated and suppressed anger; Hans, with all the resignation of his parific character; and I-I confess that I did nothing but complain, and deepsir.

I had no heart for this had fortune. But there was one consolstion. Defeat at the cutact would As I had expected from the first, our surely of water gave out completely on our first day's march. Our provision of liquids was reduced to our supply of Schiedam; but this knowfile-way. I will say it-this infarmal liquer burnt the throat,

and I could not even boar the sight of it. I found the temperature to be stifling. I was paralyzed with fatigue. More than open I was about to full issensible to the ground. The whole party thus halted, and the worthy Icelander and my excellent uncle did their best to console and comfort me. I

could, however, plainly see that my uncle was contending psinfully against the extreme fatigues of our journey, and the awful terture generated by the absence of water. Then a time came when I crossed to recollect anything-when all was one awful, hideous, fantautic gream!

At last, on Tuesday, the eighth of the recents of July, after grawling on our hands and knees for many hours, more dead than alive, we reached the point of junction between the galleries. I her like a log, an inert mess of human flesh on the arid lave soil. It was then ten in the morning

Harn and my uncle, learning against the wall, tried to nibble away at some pieces of biscuit, while deep grouns and sighs escaped from my secrebed and awollen lips. Then I fell off into a kind of deep lethergy. Presently I felt my uncle appreach, and lift me un tenderly in his arms, "Poor boy," I keerd him say in a tone of deep commissionties

I was profoundly touched by these weeds, being by no means accustomed to nigna of womanly weekness in the Professor. I caught his trembling bands in mine and gave them a gentle pressure. He allowed me to do so without resistance, looking at me kindly all the time. His eyes were wet with tears. I then saw him teles the sourd which he were at his side. To my surprise, or rather to

my stupefaction, he placed it to my line. "Drink, my boy," he said. Was it possible my cars had not decelved made Was my uncle mad? I looked at him, with, I am

sure, quite an idiotic ammountee. I would not understand him. I too much feared the country, action of disappointment.

"Drink," he said again.

Had I heard aright? Before I could sak mount the question a second time, a mouthful of water cooled my parched line and threat-one mostleful but I do believe it brought me back to life.

thunked my uncle by chaning his hands. My heart "Yes," said he, "one mouthful of water, the very last-do you hear, my hoy-the were last! I have provided it at the botton of my bettle as the armie of my eye. Twenty times, a hundred times, I have resisted the faceful dealer to dried it. But-ro-

was too full to speak.

"My dear uncle," I exclatmed, and the hig tours rolled down row hat and foresteb cheeks "Yes, my noor buy, I know that when you reached

fall down half dend, and I saved my last drop of water in order to restore you." "Thursda," I oried: "thanks from my heart," nameribeless nextinibe recommed you structh

As little as my thirst was really consched. I had contracted muscles of my threat relaxed—and the inflammation of my lips in some measure subsided. At all ovente, I was able to speak. "Well," I said,

"there can be no doubt now as to what we have to do. Water has utterly failed us; our journey in therefore at an ond. Lot us return." While I stake thus, my untle evidently avoided my face; he held down his head; his over more

words, "we must go back to Szeffels. May heaven give us strength to enable us once more to revisit the light of day. Would that we now stood on the

"Go hack," said my uncle speaking to himself-

"Co book was and without bains a single wa-For some moreouts there was allence under that der's and gloceny visult. "So, my deer Harry," said the Professor in a very singular tone of voice, "those

fow drops of water have not sufficed to restore your "I see that you are quite as dewnesst as beforeand still give way to discouragement and despair."

What, then, was the man made of, and what other projects were entering his fortile and andersons benini "You are not diocourswed, sir ?" "What! give up just as we are on the verge of

"Then we must make up our minds to perish." I "No. Harry, my boy, esttainly not. Go, leave rea-

I can very far from deriring your death. Take Hans with roe, I sell to on alone "Leave me, I say, I have undertaken this danger-

ous and perilent afternities. I will easely it to the arelmonal will rever where to the number of Mother Earth. Go-Harry-once more I say to you

voice, which before had been tender, almost woman, by became barsh and managing. He surrenged to be possible. I did not with to shandon him at the betturn of that girra, while, on the other hand, the in-Mesawhile, our maids was looking on with pro-

My uncle as he spoke was terribly excited. His

found calmness and indifference. He amnessed to be an exceptioned party, and not be perfectly well knew what was going on between us. Our gestures aufficiently indicated the different made each wished other to undertake. But Ham supported not to take of life and death for us all, but waited quite reads

resume his desperate journey to the interior of the How I wished then with all my heart and soul that I could make him understand my words. My reura-

in which I should have society would have convinced have neinted them out to him-I would, as it were, have made him see and feel. Between us, we might have convinced the obstinate Professor. If the worst had come to the worst, we could have commelled him to return to the summit of Spoffels. I approached Hans. I caught his hand in mine. He never moved a muscle. I indicated to him the read to the top of the crater. . He remained metionless

My pasting form, my largered countenance, most here indicated the extent of my sufferings. The Icelander wently shook his bond and nointed to rev uncle. "Mester," he said. "The resatur?" I cried, beside reynelf with fury-"madesay I vo.....I tell you he is not the moster of one lives; we must fy! we must drag how with no! do ven hear me? Do you understand me, I say?

I have already explained that I held Ware by the arm. I tried to make him vice from his seat. I strangeled with him and tried to force him away. My much now interpreted. "My good Harry, be colm," he cord. "You will obtain nothing from you devoted follower; therefore, listen to what I have

I folded my arms, as well as I could, and looked "This wrotched went of water," he said, "in the sole characle to the success of my project. In the entire rallery, composed of lare, othist, and coal, it is true we found not one liquid molecule. It is

must requible that we near be more fortunate in the western turnel." My sole reply was to shake my head with an air "Listen to me to the end," and the Predamor in

his wall known lacturing water. "Whole was low seen. der without life or metion, I undertook a recomneltering liggreey into the conformation of this other ordery. I have discovered that it goes direct-

be deserounds into the hough of the earth, and in a In this we shall undoubtedly find improverable springs. The nature of the rock makes this a mathereatical cortainty, and instinct agrees with look to say that it is so. Now, thin is the sectors necessition which I have to make to you. When Christian

ther Calembra asked of his man three days to discover the land of promite, his men ill, terrified, and hopeless, yet more him three days and the New World use discovered. Now I, the Christopher Columbian of this subterraneon vacies, only ask of you one more day. If, when that time is expired, I

#### have not found the water of which we are in search. column. Nothing could induce him to sten. I. mean-I swear to you, I will give up my mighty enterprise while had but one real throught. My our was locally and return to the certh's surface," on the watch to couch the sound of a spring. But no

AMAZING STORIES

Desulte my irritation and despair, I knew how much it cost my uncle to make this proposition, and curretances, what could I do, but yield? "Woll," I cried "lot it be as you wish, and may beaven reward your superhuman energy. But as

our hours are numbered, unless we discover water. CHAPTER XIX

The Western Gellery-A New Rosne UR descent was now resumed by means of

the scoond gallery. Hans took up his post in front as usual. We had not gone more than a hundred vards when the Professor carefully

expressed the walls. "This is the reputitive forms, trop--we are on the right road-enwards is our When the whole earth got cool in the first hours of the world's morning, the diminution of the vol-

ume of the earth produced a state of dislocation in its upper crust, followed by ruptures, crovasses and fineres. The postore was a forme of this kind. through which, ages ago, had flowed the cruptive

granite. The thousand windings and turnings cient soil. As we descended, successions of lavere comparing the primative sed appeared with the ut-

in all her real and naked beauty. The sounding red

a mere machine, could not bring to the surface of the earth the objects of value for the study of its internal structure, which we were about to see with our own eyes, to touch with our own hands. Remeto-Across the streak of the rocks, colored by heautiof mangahese, with traces of platform and rold. I

could not beln gramme at these riches buried in the entrails of mother earth, of which no man would have the enforment to the end of time! These tresspres-mighty and inerhaustible, were buried in the morning of the earth's history, at such awful depths, that no crowler or pickex will ever drag them from creased tenfold by the myrind of prismatic masses

I could fancy myself traveling through a huge holextraordinary effects. Towards sux o'clock, this feetival of light been sensibly and visibly to decrease. and seco almost ceased. The sides of the critery ansumed a crystallized tint, with a somber has: white and quartz; to form what may be called the true rock -the stone which is hard above all, that supports.

rible. My made now knot at the head of our little

earth's soil. We were walled in hy an immense It was now eight o'clock, and still there was no flight. Instead of according the gallery, be was sign of water. The sufferings I endured were hergoing desper down into the gaif. Had he had any

ing our At last the time came when my limbs refused to longer carry me. I contended heroically against the would be the last fatal stroke. Subjenly I felt a deadly faintness come over me. My eyes could no longer see; my kness shook. I gave one despairing "Help, help, I am dying!

My made turned and slowly retraced his stone one sentence to escape, in hollow accents, from his lite-"All is over."

The last thing I may was a face fearfully distorted with para and sorrow; and then my even When I again opened them, I saw my companions

ing rugs. Were they about or dead? For myrelf, sleep was wholly out of the question. My fainting fit over, I was wakeful as the lark. I suffered too much for sleep to visit my cyclids-the more, that I thought revealf sick unto death-dylor. The last words spoken by my uncle seemed to be burning in my ears-oil is ever! It was probable that he was

right. In the state of prostrutive to which I was reduced, it was madness to think of ever again seeing the light of day. Above were wiles once collect of the earth's crust. As I thought of it, I could faner the Whole weight resting on my shoulders. I was vain attempts to turn in my granite bad, Hours upon hours pessed away. A profound and terrible silence reigned around us-a offence of the temb. Nothing could make itself heard through these gigantic walls of granits. The very thought

was stupendous Presently, despite my apathy, despite the kind of deadly calm into which I was cost, something aroused me. It was a slight but norollar roles While I was watching intently, I observed that the tunnel was becoming dark. Then gazing through the dim light that remained, I thought I saw the Icehender taking his departure, kuon in hand

Why had be acted thus? Did Horn the cride mean to abandon us? My uncle lay fast asless-or dead tenene stuck to the roof of very much. The obscurity had by this time become intense, and at last

lost in the blank distance. My soul seemed filled it come quickly. "Ham is leaving us," I cried, "Ham-Hans, if

These words were spoken to myself. They could not be heard aloud. Moreover, a moment's redection re-assured me. Hone' departure could not be a had dealer, his way would have been provided

A TRIP TO THE CENTER OF THE RARTH This reasoning calmed me a little and I began to tiretly along the left wall, varying, rushing, soluthope! The good, and peaceful, and imperturbable

Hene would certainly not have arisen from his sleen without some serious and grove vective. Was he bent on a warner of discovery? During the deen, atill allower of the night had he at last heard that awest marmyar about which we were all so surrious?

# Water, Where In 3t? A Birter Disappointment

URING a long song, weary crossed my wildly delirious brain all sorts URING a long, long, weary hour, there our quiet and faithful guide. The most abound and reductions ideas perced through my head, each more impossible than the other. I believe I was either half or wholly mad. Suddenly, there arose, as it were from the depths of the sorth, a voice of comfort. It Presently the uncertain fight began to shine upon

self propared. He approached my uncle, placed his hand upon his aboulder, and cently awakened him. My made, as soon as he saw who it was, instantly rose.

I did not know a single word of the Banish langderstood what the guide had said. "Water, water!" I cried, in a wild and frontic form claredto my hards and continuation like a

"Water?" marroared my uncle, in a voice of deep emotion and gratitude. "Hour?" "Nedet."

"Where? below?" I understood every word. I had caught the hunter by the heads, and I shook them heartily, while he leoland on with perfect calm-

long, and we were soon making a rapid descent into sand yards, and descended two thousand feet. At this moment I heard an accustomed and well-known sound rurning along the floors of the wrenite weba kind of dall and sullbs roar, like that of a distant

During the first half-hour of our advance, not finding the discovered spring, my feelings of inall hope. My uncle, however, observing how downhearted I was again becoming, took up the conversation. "Hans was right," he ourlaimed, enthraiastically; "that is the dull rouring of a torrent."-

"A torrent," I cried, delighted at even hearing the welcome words. "There's not the alightest doubt about it." he replied, "a subterranean river is flowing beside us." I made no reply, but hastened on, once more animated by hope. I did not even feel the deep fations which hitherto had overpowered me. The very sound of this electors murmuring water already ve-

hoping to find some trace of humidity-of the alightest percolation. Alas! in vain. Asain a half hour passed in the terms weary toll. Again we ad-It now become evident that the hunter, during his any farther. Guided by an instinct reculiar to the dwellers in mountain regions and water-finders, he "smelt" the living spring through the rock. Still

Several times I passed my hand across the rock.

quenched his own thirst nor brought us one drop in Moreover, we soon made the disastrous discovery, that if our progress continued, we should some be receive away from the torrest the every of which gradually diminished. We turned back, Hara halted at the precise anot where the round of the

terrent appeared nearest. I could hear the suspense and suffering no know for down the stoning turned. At leasth Heas himor, and sorted myself against the wall, behind which two feet away. But a solid wall of greatle still sep-

arated us from it! Hans looked keeply at me, and, strongs everyb, for once I thought I saw a smile on his importarbable face. He rose from a stone on which he had

been seated, and took up the kemp. I could not help rising and following. He moved slowly along the firm and solid granite wall. I watched him with mingled carriculty and experients. Presently he ing slowly along and historing with the most exframe core and attention. I understood at once that he was searching for the exact spot where the terrent's rear was most pininly heard. This point he soon found in the interal wall on the left side, about

three fort above the level of the turnel floor. I was in a state of intense excitement. I scarcely dared believe what the enter-dack huntur was shout to do. It was, however, impossible in a mement more not to both understand and applicad, and even to smother ham in my embraces, when I saw him raise the heavy crowler and commence an attack

upra the rock itself, "Saved," I cried. "Yes," cried my usels, even more excited and delighted then moself; "Hone is quite right. Oh, the worthy, excellent must We should never have

thought of such an idea." And robody also, I think, would have thought of It. Such a process, simple as it seemed, would most certainly not have entered our beads. Nothing could pickwas in that particular next of the globe. Surposing while he was at work a breakern were to take place, and supposing the torrent once having goined an inch were to take an ell, and come norry ing hedly through the broken rock!

Not one of these dangers was chirecrical. They were only too resi. But at that moment no fear of falling in of roof, or even of inundation was nonto quench it we would have due below the hol of

freehod me. We could hear it increasing in volume every mamout. The torrept, which for a long time could be heard flowing over our heads, now ran dis-Hazs went quietly to work-a work which neither

nor errole wer I model house undertaken. Our immapicker and crowber, the rock would need have salit into a bundand frommarks. The swide on the own trave, colm. ready, recderate, were agent the band

rock by little steady blows of his instrument, making no attempt at a larger hole than about six your of the torrest momentarily increasing in loudness, and at times I simest felt the pleasant sensetion of water upon my purched line.

At the gad of what appeared an age, Hans had made a hole which enabled his crowbar to enter two feet into the solid rock. He had been at work exactly an hour. It appeared a depart. I was retting wild with impatience. My uncle began to think of using more violent measures. I had the greatest hold of his crowbar when a lead and welcome hiss was heard. Then a stream, or rather a jet of water

burst through the wall and come out with such force as to hit the opposite side! Hans, the guids, who was half upset by the abook was prescribe able to know down a core of your and grief. I understood his meaning when, plung-

"Beiling," I oried, in hitter disappointment, "Well, never mird," said thy untils, "it will soon get reel The travel becam to be filled by clands of warm while a small streem van oway into the interior of the earth. In a short time we had some sufferently and to detail: We supplied it to hope myothfule Oh what evolted delight-worked vich and incorn-

come? To us what was that? The simple fact wasit was water; and though still with a time of warmth about it, it brought back to the heart, that life which, but for it, renet merely have feded away. I frank greedly, almost without testing it. When I had almost operated by ravecous third I rende a discovery, "Way, it is farypringers water." "Most excellent stomachic," replied my uncie, "and highly minoralized. Here is a fourney worth

twenty to See." "It's very good," I replied. "I should think so. Water found alx miles under ground. There is a morniarly into flavor about it. which is let us becaus disserseable. Have mor congratulate himself on having made a rura discovery What do non any nephery assembler to the nexal

"Good" said I. And the name of "Hana-book" was at once agreed upon Hans was not a lot more proud after hearing our determination than he was before. After horing ment, he had seated himself in a corner with his

"Now," sold I. "It is not worth while letting this water run to waste." "What is the use," replied my unck. "The sames from which this river rises is inechanatible." "Never mind," I continued, "let us fill our goat

skie and greens, and then try to ston the opening My plan, after some basitation, was followed or

harpered to have about him, tried to shut up the scald his hands. The reverure was too event, and all our attempts were utter failures. "It is evident," I remarked, "that the upper surface of these springs is situated at a very great height above—as we may fairly infer from the "That is he no means doubtful," replied we waste "If this column of water is about thirty-two thous-

attenuated. Home violent until the broken vicese of

and feet high, the pressure per square linch must be something engrances. But a new idea has fust "And what is that?" "Why be at so much trouble to close this aper-

"Because-- " I begitated and stammared, having

"When our water bettles are county, we are not at all sure that we shall be able to fill them," observed my uncle "I think that in your probable." "Well they let this water rue. It will of course naturally follow in our track, and will prove to

"I think the tiles a med one," I orted to verly "and with this riculet as a temperature, there is no further reason why we should not succeed in our

"Ah, my box," said the professor, laughing, "after all, you are coming round." "Mere than that, I am now confident of phimete statems, Ferward!

"One moment, nephew mine. Let us hegin by taking come hours of rences," I had otterly formatten that it was plakt. The chronometer, however, informed me of the fact. Soon we were sufficiently restored and refreshed and had all fallen into a profound sleep.

CHAPTER XXI Under the Osero

### O't the next day we had nearly forestien over nast sufferings. The first nonsection I ag-5 past sufferings. The first necession I ar-

and I actually saled mould the reason. The remmy feet, was the astisfactory reply. We havelefasted with a good armstite, and then drank our fill of the excellent water. I felt myself quite a new man, ready to go anywhere my uncie chang to hard. I become to think Why should not a man as surjectedly convinced as my uncle, succeed, with an averaged a guide as worthy Hens, and on

omitten near been made to on back to the nummit of Mount Spoffule I should have declined the offer by a most indignest marrier. But unfortunately there was to essention of soler up. We were about to January fauther bets the interior of the couth "Lat us he madisc." I said awakening the school of

We resumed our migth on Thursday at eight o'click in the morning. The great granite towns! went round by singous and winding ways, presentA TRIP TO THE CENTER OF THE FARTH

tepid water, which some like a maind as we renological character-As for my uncle he began to complain of the

horizontal character of the road. His route he found began to be indefinitely prolonged, meteod of "sliding down the celestial ray," according to his expression. But we had no choice; and as long as our road led towards the center\_boosesur little renames we

made, there was no reason to complain. Moreover, the mind same recee loadly, and we began to dip gatten: I had not yet recovered from the exertement

That day and the part we did a considerable amount of horizontal, and relatively very little ver-July, according to our estimation, we ought to have been thirty leagues to the southeast of Revklawik.

and about two leagues and a half deep. We now received a rather startling surreuse Under our feet there ercord a borrible well. My uncle was so delighted that he actually clayped his seept. "Ab. ah?" he cried, in rapturous delight;

'this will take us a long way. Look at the projections of the rock. Hah!" he exclaimed, "it's a fear-Hans, however, who in all our troubles had never given up the reper, took care so to dispose of there as to prevent any accidents. Our descent there's gan. I dare not call it a perflous descent, for I was

already too familiar with that sort of work to look unon it as anything but a very ordinary affair. This well was a kind of narrow opening in the massive granite of the kind known as a flamm. The contraction of the torrestrui acaffolding when it anddealy cooked, had been cyldently the cause. If it nel through which passed the eruptive masses vomited by Stoffels. I was at a loss to explain how it

ahowed no mark. We were, in fact, descending a spiral, comething hise those winding staircases in We were compelled every cuarter of an hour or thereshouts to att down in order to rost our less. Our calves ached. We then seated surselves on some projecting rock with our less hangage over, and grossiped while we ate a mouthful-drinking atill

It is scarcely necessary to say, that in this eggicascade to the detriment of its size. But it was still sufficient, and more than sufficient, for our wants, Bosides we knew that, as soon as the decliving

seventh of July, we followed the extraordinary speral staircese of the flaster, penetrative two leagues farther into the crust of the earth, which the eighth, however, at twelve o'clock in the day, the flavore anddenly assumed a much more centle slope still-trending in a contheast direction. The road now became comparatively easy, and at the same time dreadfully menetonous. It would have been difficult for matters to have furned out otherwise. Our necessar journey had no change of being diversified by landscape and scenery. At all events,

ceased to be so abruret, the stream recest resource big

posceful course. At this moment it remissed may

of my uncle, his impatience and rare, whole when at

flowed more peacefully, I pectured to myself the placedity of the lociantic guide,

During the whole of two days, the sixth and

such was then my idea. At length, on Wodnesday the fifteenth, we were actually seven leagues (twenty-one miles) below the service of the earth, and fifty leagues distant from the mountain of Sneffels. Though, if the truth he told, we were very tired, our health had resisted all suffering, and was most satisfactory. Our traveler's hox of medicaments had not even been enested. My unck was careful to note every hour the indications of the compass, of the manufacter, and of the tharmometer, all of which he afterwards weblished in his elaborate philosophical and scientific account of our remarkable vayage. He was therefore able to give an exact relation of the situation. Therefore,

when he informed me that we were fifty learnes in a point, I could not suppress a loud exclumation. "What is the matter new?" oried new more "Nothing very important, only an sice has untaken my head," was my reply, "Well out with it, my toy."

"It is my opinion that if your calculations are committe we are no longer under Leoland "

"De you think so?"
"We can very easily find out," I replied, pulling but the map and companies "You see," I mid, after careful measurement, "that I am not mistaken. We are far hercod Cope Will take us into the open sea."

"Under the open see," cried my uncle, rubbing his hands with a delighted air. "Yes." I cried. "no doubt the old ocean flows over "Well, my dear boy, what can be more natural. Do you not know that in the pair borhood of New-

castle there are coal mines which have been worked far out under the sen?" Now my worthy unck, the Professor, no doubt regarded this discovery on a simple fact, but to verthe idea was by no means a pleasant one. And you when one came to think the malter ever seriously.

from the pleasantly warm rusning stream which of Iceland were suspended over our devoted bonds. or the mighty billows of the Atlantic Ocean? The whole question rested on the solidity of the granite

roof above us. However, I soon got used to the idea, for the puscage, now level, now running down, and still always to the southeast, kept poing despur AMAZING STORIES

and deeper into the profound shysee of Mother grown detecto longuous in a downward direction."

Each.

Three days leter, on the eighteenth day of July,

"I am sare of it."

Then the six the extreme limit allowed by science of the control of the streets limit allowed by science.

My uncle here gaid Hass his sound ris-dellars, and for the hiskessa of the artiful crunt," I reglind, referring to my geological studies.

"To be of contravane that insertion," was his quick 
answer.

CHAPTER XXII

"And at this stage of our journey, occording to

Similary Balaw Ground

AWOKE on Survey morning without any eitems
of hurry and bracks attendant on an immediate
departure. Though the day to be devoted to
repose and reflection was spent under such strange
corquentamon, and in so wenderful a place, the tides

was a pleasant one. Besides, we all began to not used to this kind of existence. I had almost exaced to think of the sun, of the moon, of the stars, of the trees, besses, and towns; in fact, about any ter-

restrial secondies. In our peculiar position we were far above such reflections.

The gretic was a vast and magnificent hall.

Along its granitie soff the stream fixed pictodly

Along its granitic coll the stream flowed piteldly and phessantly. So great a distance was it now afrom its farry secree, that its water was example in Insuswarm, and could be drunk without delay or tic

After a fragal breakfast, the Professor made up his mind to devote some bears to patiting his notes and calculations in order. This thirst place, "he said, "I have a good many to verify and prove, in order that we may know our exact position. I wish to be shid on our return to the uncer regions, to make

shile on our rotum to the upper region, to make thou increase of heat, though I did use feet it. I a map of our journey, a kind of vertical section of won firm such evaluating the globa, which will be an it were the profile of the section of the

em you make your cheeroalisms with strything like cartainty and preclaims?"
"I can. I have never on one occasion failed to note with great care the angles and alones. I am

certain as to having mode no mistake. Take the compass and examine how she points," I looked at the instrument with care. "East obquarter sculmant."
"Very one;" recurred the Professor, voting the

chservation, and going through some rapid calculations. "I make out that we have journeyed two bundred and fifty mikes from the point of our departure."

"Then the mighty waves of the Atlantic are reliing over our heads?"
"Certainly."
"And at this very moment it is possible that force

"And at this very moment it is possible that fierce temports are reging above, and that men and ships are latting against the ungry blasts just over our heads?"

"It is not within the region of months are

"It is quite within the range of possibility," rejoined my uncte, smilling.
"And that Wales are playing in sheels, threshing the batten of the sea, the roof of our adman-

the primary of an each of the point; there is no dantered to the primary of the primary of the primary of the gar of their hreading through. But to return to and a our additions. We are to the antibeaut, two hartered and fifty miles from the haze of Smellels, and a not according to my preceding nobes, I think we have "www."

be been it temperature of fifteen headered degrees of Becommen."

"There should he—you say, my hep."
"There should he—you say, my hep."
"It with rease this results would not exist, but be in a state of findion."
"But you provide, my hey, that it is not so, each that facts, as usual, are very established things, overrating all theories."
"I can forced to yield to the originate of my sensee, but I am neverthalms were wone burgined."

all known laws on the increase of beat, there should

"What had nevertured very mice surprises."
"What had does the thermoseter really indicated" continued the philosopher.
"Twenty-serves matentally."
"So that science is wrong by fourteen hundred and serventy-four degrees and four-teaths. According to which, it is demonstrated that the preparation of the property of the

and as university engines and not retrieve Accounlist to black, it is dimensionable that the preprint that to black, it is dimensionable that the preprint Bumphery Davy here thems forth it all has play. He is right, and I have acted vocaty to ballera kim-Haux you say answer to make to this statement. I'm Haux you say answer to make to this statement, and Heal I chasse to people, limits have and a grace deal. I im a way admitted the theory of preprint Davy—I still held out for the theory of preprint was for more willing to allow that the delarany of an actificity whereas was covered to kim of a kindle of an actificity whereas was covered to kind of

old not allow the great increase of temperature to percentile fixed its sides. The late value for expected the great is sides. The late value for expected my view of the method, not not not so controvers on the control of the contr

tide of looked, the terrestrial drph is about fifteen harder due dright-three loopings.
"Fifteen hardred, dighty-three and a quarter," "Well, suppose we say sitteen historied in remiumbers. Now, out of a voyage of atteen hardred loopings we have compiled uitess."
"As you say, what then?"
"As you say, what then?"
"At the expense of a disposal journey of no less "At the expense of a disposal journey of no less

than eighty-five beegues."
"Exactly."
"We have been twenty days about it."
"Exactly twenty days."
"Exactly twenty days."

"Exactly twenty days,"
"New sixteen is the hundredth part of our contemplated capedition. If we go on in this way we shall he two thousand days, that is shout five years

and a half, going dawn."

The Professor folded his arms, listened, but did not speak.
"Without counting that if a vertical descent of

sixtoon leagues costs us a horizontal of eighty-five. the southeast, and we must therefore come out companies in the circumference lang before we can "Bother your calculations," cried my uncle in one

A TRIP TO THE CENTER OF THE SARTH

do you know that this pessage does not take us direet to the end we require? Mersover, I have in my favor, fortunately, a precedent. What I have undertaken to do, another has done, and he have o anacceoled, why should I not be equally apprecepted? "I hope, indeed, you will, but still, I suppose I may

"You are allowed to hold your ton one "coded Profestor Hardwigg, "when you talk so unreseasedle as this." I saw at once that the old doctorial Professor was

still alive in my uncie-and fearful to rouse his sugry passions, I dropped the unpleasant subject.
"Now, thee," he explained, "consult the monometer. What does that indicate ?"

"A considerable amount of pressure." "Very good. You see, then, that by descending alowly, and by gradually accustoming ourselves to the density of this lower atmosphere, we shall not

waffer. "Well, I suppose not, except it may be a certain

amount of pain in the care," was my rather grim "That, my dear how to nothing, and you will

ing the exterior air in communication with the air

"Parfeetly," seed L for I had quite made up my mind in no wite to contradict my uncle. "I should force simust that I about experience a certain this dense atmosphere. Have you taken note of

"Of course I have. There can be no fould that on excellent cure for deafness." "But then, uncle," I ventured mildly to observe. "this density will continue to increase,"

"Yes-percenting to a low which however to scarcely defined. It is type that the interests of weight will diminish just in preportion to the depth to which we are. You know more well that it is on the surface of the earth that the notice is west nowerfully felt, while on the contrary, in the very

"I brove that is the case, but so we progress will not the atmosphere finally secure the density of

"I know it; when placed under the pressure of seven hundred and tan atmospherer," coled my uncle with imperturbable awayity? "And when we are still lower down?" I saled

with return arctiety. "Well, lower down, the density will become even "Then how shall we be shie to make our way through this attacepheric fog?" "Well, my worthy menhaw, we must beliest our-

feenen Hambalana

solves by filling our pockets with storen," said Pro-

It was evident, nevertheless that the six under a pressure which most be reultislied by thousands of atmospheres, would end by becoming perfectly nolid, and that then admitted our hading material the prossure, we should have to sten, in srate of all the reasoning in the world. Prets assessment all an But I thought it hest not to urge this argument My unch would simply have quoted the example of Salvegason. Surneeing the learned leakender's

"Faith, uncle, you have an answer for everything " was my own windy. I begon to feel that it

was mawise in me to go any farther into the wide

field of hypertheses, for I should certainly have revived some difficulty, or rather impossibility that

would have careged the Professor.

journey over really to have taken place-there was one sample quasur to be made:-In the sixteenth century neither the barometer nor the manometer had been invented-bow, then, could Sakrussers have been able to discover when he did reach the center of the earth? This measurable and learned objection I kept to mywelf, and brucing un my courage awaited the course of events-little aware of how adventurous the incidents of our versarkeble

The rest of this day of lefaure and remose was sport in calculation and conversation. I made it a point to agree with the Professor in everything; but feet, won't hilledly cowards wherever deetley choose

# OTTATIVED TATE

T must in all touth be confessed, things be yet had gone on well-and I should have noted to bud taste to have completed. If our difficultion did not increase, it was within the range of possibility that we relate ultimately would be and of our journey. Then what glory would be ours! I hegen in the navely aroused arder of my seed to speak enthurisatically to the Professor, Was I perious! The whole state is which we'extend was

a mystery-and it was impossible to know whether For several days after our memorable halt, the siepes became more ranid-sires were even of a mans. During same days, we noteably descended a league and a half, even two leagues towards the copier of the earth. The descents were sufficiently

persions, and while we were argued in them we learned fully to appreciate the marvelyns enginess of our graids. Harm. Without him my should have been wholly lost. The grave and impossible Icelander drsome freed and core; and, thanks to how, many a Accounting many was out over, where, but for him, we

His affered increased owner day. I think that we howen to be influenced by this veculiar trait in his character. It is certain that the business shipete

be which was are surrounded have a direct action on the brane. It must be that a man who abude

# 208 AMAZING STORIES of associating jebos and words. How many persons condomned to the herrors of solitary confinements. have been quite clear to any listnore—but there

have gene med—striply because the thinking frautities have late determint!

During the two modes that followed our last interceding conversables, there occurred nothing weetly of being expensibly recorded. I have, while writing these memoirs, taked my memory in vair for one incident of travel during this particular period.

incident of travel during this particular period. But the natt cent to be raised to sertish indeed. Its very memory, even now, makes my seal actionize, all us very memory, even now, makes my seal actionize, and my blood run celds. It was on the overesth of August. Our constant and successive denourth and taken on a quite thirty language into the interior of the cards, that, is to say that there were active yet largons, many is number of miles, and command or reich, and command or reich, and command or particular thirty indicates. We were in a fully method for the particular period of the p

southercourty (feeding, about two brinker) bequestives from feeding.

On that meanerable day the turned had begun to measure an alterable brittential outures. I was in this occasion walking on in front. My ureck had charge of one of the likehardory official, it had possessible of the either. By means of its light I was huny excaning the different layers of grantles. I was committed that the contract of the other contract the contract of the other contracts of the other contract

partity associates in review constraints assett as "Well?" thought I to myraif, "I have certainly been withing too fast—or else Haus and my unde have stopped to rest. The text thing I can do is to go look and first them. Earthy, there is very Elds accust to they me."

I correlingly retreased my steps, and while detay I correlingly retreased my steps, and while detay means, I amount out for the pro-

to, whose for at some in quarter of an true. Entire the Wirting 2001. I called abstal. No reply. My volue was best analith the mayind coverance school it accessed?

I league for the first time to feel seriously unresulted to the feel of the control of the contr

that I shall find my companions. There easued he two reach. It is certain that I was centiformat! I was centiformat! Have contiformat! Having come to this determination I ascended that turned for at Jesut half an hour, make to describ the turned for at Jesut half an hour, make to describ the continuous cont

of my own fortibeps could be haird.

Al hard I stopped. I could scoredly realize the face of my labellete. I was quite willing to think that I shad made a mission, but not that I was loot, If I had made a mission, but not that I was loot, If I had made a mission, I might first my way: if lost—I shaddered to think of it.

"Yours cover," mid I to promot "these blows is

"Come, econ," said [ to mysolf, "times there is cally one reed, and they must come by it, we shall as last mark. All I have to do is still to ge upwards. Perhaps, however, not seeing me, and forgetting I, was about they may have gene back in search of ms. Still even in this case, if I make haste, I shall get up to them. There can be no doubt sheat it see

The models desid death fell upon my soul.

After all was I abased. To overvel was: Heat was
in
to doubt following behind, precoded by my ungle
I perfectly resulted in having stronge for a mostrength of the models. The models are not a models of the mod

been one-that I was by no manus convinced of the

fast. Moreover, to especiate together these surrols

ing, required some time. I could not all at once

"Arath," thought I, reasoning as sainly as war possible, "there is another sore mans of not being my way, a thread to gaide me through the follow-rimbline subtrarensars retreat—one which I had forgotice—my faithful river,"
This course of reasoning roused my dropping spirits, and I resolved to resurre my jursey with route further dolly. No time was to be list. It was

and nature or only. Not that reaches he had, it was a brought from a few units, when he refund its allow the older hunter to close the orifices of the his spring—that med fauture in the press, meaning perspective—that med fauture in the press many one form their during an many sign would now early to find the press of the history or many sign would now early the second of the history of the second of the history of the second of the history of the hist

recinitat water of the Hannbach stream, blassing
the presence as a certain remoistice.
Corcedve my horror and stayefaction—I was
treading a kerd, dusty, shingly read of greatle.
The stream on which I redomed had whelly disappeared!
CHAPTER XXIV

Lost Lost I could be any human language can depict my utter despair. I was liberally buried a slave; with no other expectation before me that is leve; with no other expectation before me that is the slave between the could be a slave and the slave and th

one come of the flowing oftenin. There exist he my dealed in the dealed to flow in the gallery in which come I now was. I began to understand the came of the state and the state of the state and the state of the s

as I tried to discover the solution of this terrible

I at and that I had unconsciously entered a different rds. gallery. To what unknown depths had my compang I form gone? Where was I?

ch of How to get back? Clue or landmark there was shall absolutely none! My fast left no signs on the t the grantle and skingte. My brain threshold soft again mords-Lost! LOST!! LOST!!! fore? This, at last, was a reasonable hope of safety. Lost at a depth which, to my infinite understand The most important thing, then, to be done was to ing, appeared to be immeasurable. These thirty discour the had of the Hans-bach. leavies of the growt of the earth weighed upon my After a slight meal and a draught of water, I ross like a giant refrashed. Leaning heavily on my pole, I began the ascent of the gallery. The slone was shoulders like the wishe on the shoulders of Atlas. I felt myzelf crushed by the awful weight. It was inyeary steen and rither difficult. But I advanced I tried to bring my thoughts back to the things of hopefully and excefully like a man who at last is the world so long forgotten. It was with the greatmaking his way out of a forest, and knows there is ast difficulty that I succeeded in doing so. Hamonly one road to follow.

I could, at all events, regain the awful crater of

Mount Speffels. Why had I not thought of this be-

During one whole bour nothing heroaned to

destruction and axtinction of its rower. Light is

so diffuse, so subtle, that it permeates everywhere,

A TRIP TO THE CENTER OF THE EARTH

coblem. My situation, after all sorbistry and re-

Section, had finally to be summed up in three awful

bure, the house on the Konirstrasse, my dear cousin

check my progress. As I advanced I tried to recollike a shadow fleated before my now vivid imaginalect the shape of the tunnel-to recall to my memory certain projections of rocks-to persuade mytion. There they were before me, but how unreal self that I had followed cortain winding routes be-Under the influence of a terrible ballscinstion I saw the whole kneldents of our former mass before fore. But no one particular sign could I being to me like the scenes of a pasorama. The ship and its inmates, Iceland, M. Fridriksson, and the great kery would never take me back to the point at which summit of Mount Sueffals! I said to myself that if I had senarated myself from my commanions. It in my position. I retained the most faint and was absolutely without issue-a mere blind alley in shadoury outline of a hone it mould be a sure slow the earth.

of approaching delirium. It were better to give The moment at length eams when, facing the solid rock, I knew my fate, and fell inanimate on In fact, of I reasoned with calmnass and philosordy, what human power was there in existence To describe the bourfale state of domain and fear able to take me book to the surface of the earth, and into which I then fell would now be vain and imready too, to split assurder those buge and mights possible. My last hope, the courage which had susvaults which stood above my head? Who could entained me, dropped before the sight of this nitiless granite rack! Lost in a wast labyrioth, the sinussiions? Impresste folly and medpess to entertain ties of which spread in every direction, without quide, cine or corress, it was a vain and useless

and not to rain dey vision—in rights for constraint.

See an a landow of baged.

"On, undel" wos my despaticipa ery. This may be an early to the only word of trapersh which some to my lay.

It has been do not constraint to the constraint to the constraint to the word of the constraint to the constraint to

seek for me.

When I all het began to recipi mayoff to the for.

When I all het began to recipi mayoff to the for.

Grand, third illneavoury on the blown the owner of the state of the sta

of my mother, known only in my infrancy, onne wellgrafish and dispairs, a new hereor took passession of
the fried from my heart. I har decreases to prepare.

of coefer. I belt no means of regalities it. the
debt miles at land right to be remembered by film
of coefer. I belt no means of regalities it. the light
officered,
the study involved, I paryout elements of
networks.

When person and of my possibilities brought about

This renewal of my youthful faith brought about cell gotting less and lass. A procession of shadows a much greater, amount of colar, and I was on-word fashing identity the parties will. I searchy abide to concentrate all my strength and infall—dared to lower my quotiful, fouring to low the last game on the terribide radiation of my unprecedented spark of this fragative light. Item; justicat it attaction. I had about me that which I had at first seemed to me that it was store to vanish and to wholly fragative—here days growings. More cave in forecast—as the darksant last collection of the collection

wholly forgetties—three days' provisions. Moreever, my water bottle war quite full. Newtettless, A. Mas, one final travelling finan remained in the the one thing which it was impossible to do was to impossible to do was to remain abors. Thy to find my companion it may, gauged for breath; I concentrated super it all the

remain anothe. 17y to main my compansons i misse, geoppes for sresulty, i concentrates upon it as it to at any pefen. But which course aboutd it fade?

Should jee upwards, or again descend? Deabtless light I was ever destined to see; and then I was to it was right to reduce my sleeps in an upward director.

command the objective or again insection reducings the command of the command of

ing stream. I must find the fotal hifterestion or

fork. Once at this spot, once the river at my feet,

#### My head was now wholly last. I raised my arms trying the effects of the feeling in getting against the cold stone wall. It was rainful in the extreme, Madness must have taken possession of me. I know new seed that it might he my earn mards horaught not what I did. I began to run, to fly, rushing at back to me by a distant echo. Perhaps without soing downwards, running wildly underpeath the terrestrial crust, ilice an inhabitant of the subterranean furnaces, screaming, roseing, howling, un-

and whatever little may remain, the retine of the

eve will approved in finding it. In this place nothing -not the faintest ray of light. It mased me?

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myself up all covered with blood, seeking madly to drink the blood which dripped from my tern fea-

and watching always for this horrid wall which ever presented to ree the feorful obstocle against which I could but dash my head. Where was I order? It was impossible to say, Several hours passed in this way. After a long time, having utterly exhausted my strength, I fell

CHAPTER XXV HEN at hot I same back to a sense of life and being, my face was not

soon knew with tears. How long this state of insensibility insted, it is quite impossible for me to say. I had no means left to me of taking any account of time. Never since the greation of the world. had guch a solitude as mise existed. I was com-After my full I had lost much blood. I had felt

myself flooded with the life-giving liquid. My first nemation was perhaps a natural one. Why was I not dead? Because I was allve, there was something left to do. I tried to make up my mind to think no brown. As far as I was able, I drove away all ideas, and uttariv overcome by main and srief, crosched

I commenced to feel the fainting coming on again, with the sensation that this was the last struccie before complete amphilistion,-when, on a outlien, a violent uproar reached my ears. It had some resemblance to the prolonged rumbling votes of thurder, and I clearly distinguished appropria

Whenes came this poise? Again I listened with deep attention. I was extremely anxious to hear if the strange and inexplicable sound was likely to be renewed! A whole quarter of an hour elapsed in

reinful expectation, Deep and solumn affence rejerted in the turnel. So atill that I sould bear the beatines of my own heart! I waited, waited, united with a strange kind of hopefulness. Suddenly my ear, which leaned accidentally against the wall appeared to caich the faintest echo of a sound. I thought that I heard vague, incoher-

ant and distant volces. I enjoyed all over with excitoment and hope! "It must be hallucination," I cried. "It cannot be! it is not true!" But not By listening more attentively, I really did convince myself that what I heard was the sound

There was a moment of fear. A dread fell upon clutely closed my lips, and once more placed my car to the hore granite wall. Yes, for cartain, It I now by the exercise of great determination dragged myself along the sides of the cavern, until I reached a point where I could hear more distinct But though I could detect the sound, I could only make out uncertain, strange, and incompra-

of human volces. To make any meaning out of the

weak even to hear distinctly. Still it was a positive

fact that some one was speaking. Of that I was

hereible words. They reached my car as if they had been spoken in a low tone-murmured, as it were, afar off. At last, I made out the word forlored repeated several times in a tone betokening great mental anguish and sorrow. What could this word mean, and who was speaking it? It must be either my uncle or the guide Hann! If therefore, I could hear them, they must surely he able to hear me "Heln" I cried at the top of my voice; "help, I am dring?" I then listened with sourcely a breath; I panted for the alightest sound in the darkness-a cty, a sich a apastical Ret glierce reigned supreme. No

marrier came! In this way some minutes passed. A whole food of ideas fashed through my mind. I besuffering, could not reach my companions who were in search of me. "It must be they," I eried: "what other men can the level of the earth?" The mere supposition wan prescetarous. I buran, therefore, to liston serain with the most breathless attention. As I moved my cars sleng the side of the place I was in, I found a mathematical point as it were, where the voices anpeared to attain their maximum of intensity. The word forlered again distinctly reached my our.

Then earns again that rolling noise like thunder which had awakened me out of terrors. "I begin to understand," I said to myself, after some little time deveted to reflection; "it is not through the solid many that the sound reaches my cars. The walls of my cavernous retreat are of splid granits, and the most fearful explosion would not make uprear enough to pensionic thum. The sound must come along the sallery itself. The place I was in must passess some peculiar accustic properties of its own."

I beard my name distinctly pronounced: cost as it who was speaking. He was in conversation with the guide, and the word which had so often reached my ears, forlored, was a Danish expression

Then I understood it all. In order to make my self heard, I too must speak as it were aking the side of the gallery, which would carry the sound of my volce just as the wire carries the electric fluid from point to point. But there was no time to loss. If my compenious were only to remove a few feet from where they stood, the accustic effect and said as clearly and distinctly as I could-I then awanted a renbr.

would be over, my Whisparine Gallery would be de-Sound does not request the property of traveling with such extreme rapidity. Besides, the density of the air at that douth from light and motion, was

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very far from adding to the rapidity of circulation. Sewaral seconds signed, which, to my excited imaginstice, appeared ages; and those words reached my carer cars, and moved my wildly beating heart-"Harry, my boy, is that you?" A abort delay between question and answer.

"Where are you?" "And your lamp?"

"But the guiding stream?"

"Keen your courses, Harry. We will do our beat." "One moment, my uncle," I cried; "I have no

longer strength to snawer year questions. Butfor heaven'e cake-do you-continue-to speak-to Absolute silence, I felt, would be annihilation. "Keep un your courage," seld my uncle. "As you for you in all directions, both by going upwards and

downwards in the callery. My dear hey, I had bugan to give up all hope-and you can never know what litter tears of sorrew and regret I have shed, the Hans-bach we again decorated, firing off guns as signals. Now, however, that we have found you. long time haders we actually meet. We are conversing by means of some extraordinary accounts arrangement of the laborinth. But do not despair.

my dear boy. It is something gained even to hear each other." While he was speaking my brain was at work reless an yet, made by heart heat wildly. In the first one thing. I once more therefore leaned my head against the wall, which I almost touched with rev

lire, and again spoke. "My how" was his made answer "It is of the utracet onsermence that we should know how far we are asunder."

"That is not difficult." "You have your chronometer at hand?" I asked. "Certainly." "Well, take it into your hand. Pronounce my nume, noting exactly the second at which you speak. I will reply to seen as I hear your words-

and you will then note exactly the moment at which my reply resolves you." "Very good: and the time between my enesties and your answer will be double the time occupied by

"That is exactly what I mean, unde," was my carer resty. "Are you ready?"
"Yes."

my ear, I turned round, and ploting my lips to the "Forty seconds," said my uncle. "There has elepsed forty seconds between the two words. The sound, therefore, takes twenty seconds to second Now, allowing a thousand and twenty feet for every record—us have twenty thousand and four handred feet-a league and a half and one-eighth." These words fell on my soul like a kind of deathknell. "A league and a-half," I muttered in a low

"Well, make ready. I am about to prepagate your

I applied my car close to the sides of the cavernour gallery, and as noon as the morel Harry marked

"It shall be got over, my-boy," cried my ungle in a cheery tone; "depend on us," "But do you know whether to ascend or descend?"

I saled fainth enough "You have to descend, and I will tell you why. We have reached a vest open space, a kind of here cross-

road, from which nalleries diverge in every direction. That in which you are now lying, must necessarily bring you to this point, for it appears that all interior radiate from the vast cavers which we at this recoment occupy. Rouse yourself, then, have courage and continue your routs. Walk if you can, if not, drag yourself along-alide, if nothing else is possible. The slope must be rather rapid—and you

will find strong arms to receive you at the end of your journey. Make a start, like a good fellow." These words served to rouse some kind of courgood snote. I am about to take my departure. As Parawall, then, until we meet again." "Adies, Harry-until we say Welcome," Such were the last words which reached my anxious cars,

before I commenced my weary and almost honeless This wooderful and surprising conversation which took place through the west mass of the

era being about five miles spart-ended with hopeful and pleasant expressions. I breathed one more prayer to Heaven, I sent up words of thankagiving -believing in my inmost heart that He had jud me to the only place where the voices of my friends could reach my ears.

I accordingly rose to my feet. But I seen found that I could not walk: that I must draw morelf slong. The slope, as I expected, was very rapid; but I allowed myzelf to alip down Seen the rapidity of the descent bears to assume

friehtfel proportions; and menaced a fearful full. I clutched at the sides; I grasped at projections of rocks: I threw muself backwards. All in usin. Mu weakness was so great I could do nothing to save Suddenly earth failed me. I was first launched in-

to a dark, and gloomy void. I then of suck against the projecting asserties of a vertical gallery, a perfect well. My head bounded against a pointed as I was concerned, death had cisimal me for his

OWB

# AMAZING STORIES CHAPTER XXVI the conclusion that I could not be mistaken. Surely,

A Eapld Recovery

HEN I returned to the consciousness of exsterce, I found myself surreunded by a kindof cent-obscurity, lying on thick and outovertide. My anide was watching—his eyes fixed
intentile on the constituence, a rever expression on

coverlide. My antie was watching—his eyes fixed intently on my countenance, a grave expression on his face; a tear in his eye. At the first sigh which struggled from my boson he took hold of my hand. When he saw my spre open and for themselves upon his, he uttered a load cry of joy. "He lives' he

ms, so differed a sold cry of joy. "He fives! be lives?"
"Yes, my good uncle," I whispered.
"My deer boy." continued the grim Professor.

chaping ms to his boart, "you are saved?"

I was deeply and unificatefully teached by the teach in which there wends were attered, and even mere by the hindly care which accompanied them. The Professes was one of those men who must be awarely tried in early to induce any display of affection on public methods. At this summent correlated them, the public plane of the teach of the public plane of the Her away hand

in that of my uncle, and I venture to say, that, teciturn as he was, his eyes beamed with lively satisfaction. "God dee," he said.

Good to, Hana, good day, "I replied, in as a Good to, Hana, good day, "I replied, in a second to the second to the

"But," I cried, "fet me know what o'clock it is what day fit is?"
"It is now eleven o'clock at night, and this is once more Sunday. It is now the righth of the month of Anomet. And i districtly northly two from sale.

ing any more questions until the tenth of the same."

I was, if the trath were teld, very weak indeed, and my eyes soon closed involuntarity. I did require a good night's rest, and I wast off reflecting at the last memoral that my perflors adventure in the interior of the earth, in both durkness, shad hested

On the moveling of the next day, at my awakening, I begin to look around me. My sloughting-size, made of all our traveling bedding, over in a charming greate, adversed with manifester stategration, gillitering in all the others of the rathbow, the floor of soft and silvery seath. A distribution, which is sufficiently prevailed. No torch, no lump was highted, and yet correctly one of the control of the contro

of soft and offerry sand. A dist obscurity prevalled. No torch, so lamp was lighted, and yet cortain menglatured beams of light penetrated frem without, and made their way through the opening of the beautiful grotte. Moreover, I hearf a wague and indefinite nursur,

like the chi and flow of waves upon a steami, and accomitmen I worth believed the cavit bear the slighting accomitmen I wently believed the cavit bear the slighting of the wind. I begun to believe their, instead of tening awade, I must be dereauting. Sarrely my brain had not been affected by my full, and all that cocurred during the last twenty-four hours was not the frecaled visions of madreas? And yet after recover reflection, a trial of my faculties, I came to

own and care could not both descrive non.
"It is a ray of the almost designity," it said to spead," which has penetrated threuph zero mighty feature in the recit. But what the manning of the mourtur of worse, the constitution is more than the recit. But what the manning of the whichile not feat with. But can I be altegether missished? If my uncle, during my slines, has but one-rid on knot be in surface of the surface of the surface of the surface with the law, nor my account, given up his worders empetition, or in My account, given up his worders empetitive, or in I was nounding my bright over these and other I was not offer my bright over these and other these and other these areas of the missish and the missish and other these and other these and other them.

questions, when the Professor joined me. "Goodday, Harry," he cried in a joynes tone. "I fancy you are quite well."
"I are very much better," I replied, actually sitting up in my bed.

ting up in my bed.

"I knew that would be the result, as you slept both soundly and tranquilly. Here and I have each taken term to watch, and every hour we have seen visible signs of anotheration."

"You must be right, uncle," was my reply, "for I feel as if I could do justice to any meal you could just before me. I am really hunger,"

"You shall est, my boy, you shall est. The force, the left was Our worklest friend Hun has wished

this left you. Our excellent friend Haza has rebbed your womands and bruises, with I know not what oldineat, of which the leclanders above possess the socret. And they have leaded your truises in the most marvelous manner. Ah, he's a wise follow, is

mest marvelous marair. Ah, be's a was follow, lo Menter Hana."

Walls he was speaking, my uncle was placing before me some articles of food, which following his earnest injunctions, I readily deveured. As soon as

the first Yago or tangute was applicable, I overwholmed him with questions, to which he now no longer healthed to give answers. I then issured, nor this first thing, that my purviolatistic full hole that gallery. As I cutte down, amount a particular choice of steams, the last of which falling on me spalls have enabled no to death, they came to the conclusion, that I and curried with me as entire conclusion, that I and curried with me as entire

continuing, the second of the second that the second characters, I was sent heading into my undels area. And into them I fell, inscensible and covered with blood. "He included a minute," was the Professor's final runaria, "that you wore not killed a thousand times over. But the the blood a minute," was the Professor's final runaria, "that you wore not killed a thousand times over. But the the blood as in the second final with a sect of their your way heart. The words fell with a sect of their your my heart. The

or journey, then, was not over. I bolted at my unche
new thit surprise and antenishment.

"My mucha, after as insulten's examination of my
em
countenance, said—"What is the master, Hierry?"
"I want to sak you a very sorious guestion. You
say that I am all right in beath?"

say that I am all right in health?"
"Corthistly you are."
"And all my limbs are sound and equable of new exertions?" I saled.
"Most underdeador."

"Meet undeshiedly."
"But what about my head?" was my next satisfies equestion.
"Well, your head, except that you have one or two contrastons, is exceptly where it ought to be—on your shoulder." said my unche has shield.

setly right. In fact, I believe myzelf shightly de-"What makes you think so?" "I will explain why I fancy I have bet my senses." I cried. "Have we not returned to the surface of mother earth?"

"Then truly I must be med, for do I not see the light of day? do I not hear the whistling of the

"And that is all that makes you uneasy?" said-

my uncle, with a smile "Can you explain?" "I will not make any attempt to explain; for the whole matter is utterly inexplicable. But you shall

see and index for vourself. You will then find that geological science is as yet in its infancy-and that we are deemed to enlighten the world." "Let us advance, then," I cried esgerly, no longer able to restrain my enriculty.

"Wait a moment, my dear Harry," he responded: "you must take precoutions after your liness be-"The open sir?"

"Yes, my hoy. I have to warn you that the wind is rather violent-and I have no wish for you to expose yourself without necessary precautions." "But I beg to assure you that I am perfectly re-

covered from my illness. "Have just a little patience, my boy. A relapse would be inconvenient to all parties. We have no time to lone--as our approaching sea voyage may be of long duration."

"Sea wrenge?" I eried more berridered than "Yes. You must take another day's rest, and we plied my upole, with a poculiar smile. Go on heard! The words attacky estantished make

Go on board-what? and how? Had we come upon a river, a lake, had we discovered some lelland shall Was a vessel lying at anchor in some part of the My curlosity was worked up to the very highest poich. My uncle made vain attempts to restrain ma. When at leat, however, he discovered that my fewer-

ish impatience would do more harm then goodand that the satisfaction of my wither could flore restore me to a calm state of mind, he gave way. I dressed myself rapidly-end then to please my one of the coveriots. I rushed out of the protto,

# CHAPTER XXVII

A first I saw absolutely nothing. My eyes, wholly unused to the effulgence of light, could not bear the madden brightness; and I was T first I saw absolutely nothing. My even compelled to close there. When I was able to recome them. I stood still, far more stuneded than saturished. Not all the wildest effects of imagination could have conjured up such a scene! "The seathe sea," I oried "You," realled my uncle, in a tone of pardmable

shore, which was very much industed, consisted of a beautiful soft golden sand, mixed with small shells, the long deserted homes of some of the croatures of a next non. The waves broke incressativ. and with a recubirly senerous marmor-to be found in underground localities. A slight frother finke arone as the wind blew along the pellucid waters; and many a dash of array was blown into my face. The nighty superstructure of rock which rose above to an inconesivable beight, laft only a

It was quite true. A wast, limitless expanse of

water the end of a lake if not of an occan, moved

before us, until it was lost in the distance. The

long beach of strand. On all sides were capes and prepontories and enormous eliffs, rectially wors by the starnal breaking of the waves, through countless agen! And as I gasted from side to side. the mighty rocks faded in the distance like a facety film of cloud It was in reality an ocean, with all the usual

characteristics of an inland see, only horribly wild One thing startled and puzzled me greatly. How was it that I was able to look men that yast sheet of water instead of being plunged in utter darkneen? The yest landscape before me was lit un like day. But there was wenting the dazzing brilliancy, the splendid irrediction of the sun; the rele cold illemination of the morn; the beightness of the store. The illuminating power in this subterraneous

region, from its trembling and filteering character, its clear dry whiteness, the very slight elevation of ita.temperature, its great superiority to that of the resort, was evidently electric; something in the nature of the aurors bereelin, only that its phenomena shall be ready to go on beard by te-morrow," re- ", were constant, and able to light up the whole of the The tramendous vanit above our heads, the sky, cention of nebulous vences, in constant motion, I

should originally have supposed, that under such an atmospheric pressure as must exist in that place, the evaporation of water could not really take place: yet there were heavy and denne clouds rolling along that mighty want, partially conceeding the roof and shade in the distance, especially around the henvier clouds. Deep studows were cast beneath. and then suddenly, between two clouds, there would come a ray of grupusi beauty, and remarkable intensity. Yet it was not like the sun, for it own no

The effect was and and engraciatingly malanaboly. Instead of a noble firmsment of blue, studded with stary, there was above one a heavy roof of granite, to think of the theory of the English captain, who corroured the earth to a uset bollow sphere in the state by means of atmospheric pressure, while two stars; Pluto and Proserpine, circle there in their menterious orbits. After all, suppose the old fellow

In truth, we were imprisoned-bound as it were, pride; "The Central See. No future navigator will

#### AMAZING STORIES make out; the shore on either hand, widening repother,-a stuperdous titable pile; down their sides idly until lest to sight; while its length was squally front innumerable cascades, which at last, becom-

uncertain. A bace on the distant borizon bounded our view. As to its acient we could see that it must impossible to discover where the stupendous roof been. The lauget of the skinds must have been

ficating at an elevation of two thousand yards, a height greater than that of terrestrial vapors. which circumstance was doubtless owing to the ex-

the place. I cannot describe its awful grandeur, sublimity. Whether this singular vacuum had or had not been caused by the sudden couling of the earth when in a state of fution, I could not say, J. had read of reest wonderful and girentic coveras-

The great grotto of Gunchara, in Columbia, visitembored Manmoth Case in Kentucky; what were those beles in the earth commared to that in which I stood in speechless admiration! with its vapors

clouds, its electric light, and mighty ocean slumberalone give an idea of the splendor and vustness of I greed at these marvels in profound silenca. Words were utterly wenting to indicate the sensa-

anon that mysterious shore, to be some wendering inhabitant of a distant please, present for the first belonging to another existence. To give body and existence to such new sensations, would have required the columns of new words-and here my feeble brain found itself wholly inadequate. I looked on I thought, I reflected, I admired, in a state of stopefaction pot altreether unmineled with

The unexpected spectacle restored some color to better under the influence of this novelty. Moreover, the vivacity of the dense atmosphere regalmated my body, by inflating my lungs with cane-It will be readily conceived that after on lawer,

seement of feety-seven days, in a dark and misershie towned, it was with infinite delight that I breathed this taline air. It was like the genial, revising influence of the salt ass waves. My uncle had already not over the fest querries. With the Letin poet, Hornce, his idea was that-

"Notate admire, is all the art I know To make man harmy and to keen him on"

"Well," he said, after civing use time therestebly to supreciate the marrels of this underground ses, "No you feel strong coough to walk up and down?" "Certainly," was my ready answer, "nothing would give me greater pleasure."

"Woll, then, my boy," he said, "lean on my arm, and we will stroll along the beach." I accepted his offer earerly, and we keeps to walk along the sheres of this extraordinary bake. To our left were shrept rocks, niled one upon the

ing Smpid and muranizing streams, were last in the waters of the lake. Light vapors, which rose here and there, and floated in fleecy clouds from rock to rock, indicated hot surings, which also poured their superfluity into the west reservoir at Among them I recognized our old and faithful stream, the Hann-back, which, last in that wild creation of the world.

"We shall miss our excellent friend." I remarked. with a deep sigh. "Beh!" said my uncle, testily, "what postters it.

That or another, it is all the same." I thought the remark ungrateful, and felt almost my attention was attracted by an unexpected spectacle. After we had some about five hundred words,

cornelves close to a lofty forest! It consisted of sols. The sir seemed to have no effect upon those I hastened forward. I could find no name for

two thousand and more known trees-or were we to make the discovery of a new growth? When we at last reached the forest, and stood bepeath the trees, roy aumrise case way to admiration. In truth, I was simply in the presence of a very ordinary prodpet of the earth, of singular and gleantic proportions. My uncle unhesitatingly , alled them by their real names. "It is only," he said, in his coolest man-

· On close examination I found that he was not mistaken. Judge of the development attained by this product of damp but rolls. I had heard that cumforence, but here were white mushrooms, nearly forty feet high, and with tens of equal dimensions. They grow in countless thousands—the light could not make its way through their massive substance.

Still I wished to go forward. The cold in the shades of this singular forest was interne. For nearly an hour we numbered execut in this dorkness visible. At learth I left the spot, and once more returned to the shore of the lake, to Hobi and comparative warmth

The amoning vegetation of this subterraneous region was not confined to signatic mushrooms. New wondern amaited up at every stem. We had not gone many hundred yards, when we same upon a -the common humble trees of mother earth, of an

exorbitant and phenomenal size; meases a hundred "Astonishing, magnificent, splendid?" cried my in the first ages of the world were mighty trees.

uncle; here we have before us the whole flore of the second period of the world, that of transition. Rehold the humble plants of our purdons, which was required, was now escensils. "You are right, unde," I remarked. "Providence appears to have designed the processfulton in this rast and mysterious hot-brone of antidilivian planta, to preve the surseity of learned mus in stearing them so may

ous so-group or announcement pasted, to prove the suppority of learned man in figuring them so marvelously on paper."
"Well said, my key-very well said; it is indeed a mighty het-house;—but you would also be within

the bounds of reason and common sense, if you also added—a wait manageric.

I locked rather anxiously around. If the animals were as exaggrarided as the plants, the matter would certainly be serious. "A menagerio".

certainly be serious. "A menaperio?"
"Doublies. Loof at the dust we are treading
unior foot-behold the bance with which the whole
soil of the senshore is severed—"
"Bones," I replied, "yes, certainly, the bones of
articeffavoin sainmin." I stoeped down as I spoke,

antecliuvian salmain." I slooped down as I spoke, and picked up one or two singular remains, relice of a bregene spe. It was easy to give a name to these gignatic boxes, in some instances as big astrucks of trees. "Here is, chearly, the lower jew-home of a mastodom," I eried, simost as warmly and enthusiastically as now used. "New one the realizes of the disthe-

rium; here in a ley-hore which belenged to the negotherium. You are right, usale, it is indued as a measurerle; fee the nightly animals to which these horse once belanged, have leved and died on the shores of this subterrunam are, under the shadow of of these plants. Look, you der the while sheldens and yet——"
"And vit, nowher!" and my unch, noticine that

"And yet, nephrey" and my wrete, nothing that I suddenly came to a full stop.
"I do not understand the presence of such beasts in granite caverum, however rust and prodigious," was my reply.

"Why not?" said my unch, with very much of his old professional impatience.
"Because it is well known that animal life only existed on earth during the second period, when the sedimentary soil was formed by the alluviums, and thus replaced the but and burning recks of the

princitive egc."

"I have listened to you carnestly and with patience, Harry, and I have a simple and clear exaserto your objections: and that is, that this itself is a sedimentary bod!" is at such accessors depth from the surface of the earth?

"How can that is at anth encemous depth from the surface of the earth."

"The fine can be explained both simply and geologically. At a certain period, the earth consisted only of an aboth certain, liable to alternative spowers and conversant morements in winter of the law of attraction. It is very probable that many a health place has been faither depth, and that large pertions of selfmentary self were east into large and mightly chosun."

"Quite possible," I dryly remarked. "But, uncle, if these nate-diluvion naisonals formarly lived in these subterminent regions, what more likely than that one of these huge moneters may at this moneet be concealed helpind one of yeater nighty redsen!

As I spoke, I locked keenly around, examining

by formed by psylections of vast ginnille rodu.
At the attrees of vas a Ethic perioded by
At the attrees of vas a Letting perioded by
a schoolers might have his here with perfect case.
So entated did i seen, that every make no invarination indirect that the expect, would coming not
the influence of a warm outsidery because.
But the furthest illusion serve helde direct mathe influence of a warm outsidery because.
But the furthest illusion serve helde direct mathe influence of a warm outsidery because the
But the furthest illusion serve held generate
But the furthest illusion serve held generate
But the furthest world!

Daring certain perfort there was a suffer service
But the situes of the direct full gon these colltables the situes of the desert full gon these coll-

in my weak state. I therefore seated myself at the

and of a promentory, at the fact of which the

tary and and real-new sound to have it in the lands wagid not have there of the lands and come. I length, and the north eithers, to proceed the lands of the lands of the lands as well with the lands of the mydetical distance. The unspirits were large to the lands as the lands of the well when consecuted by not teathful and we may be able to cominde the distort showers' we are to able to cominde the distort showers' we were to able to cominde the distort showers' we were to able to cominde the distort showers' we can be assumed. For my part, two it as data of the was convitted that our enterprise would in the only in consecution of the lands of the conplexes and the lands of the lands of the lands of the former and to secure of the lands of the lands of the former and the lands of the lands of the lands of the former and the lands of the lands of an way in and worth of the lands of an way in an arm of the lands of an way in a

the gretto, which I was not sorry to gree. After a slight report, I sought refuge in slumber, and at length, after many and tesious struggles, sleep came over my weary eyes. CHAPTER XXVIII

### HAPTRIL XXVIII Lunching the Reft

N the morning of the next day, to my great supprise, I awels completely restricted. I thought a tath would be delightful after my leng illness and sufferings. So, used orther rising, I went and plunged late the waters of this new Medilterraceass. The bath was cool, fresh and invigerating.

I came hack to breakfant with an eccolarct sorce.

I came hock to breakfast with an exaderic agreetable. Hans, our workly guide, betweenly unfectsteed here to cook such satables as we were side to provide; be fast both first and weder at discretion, so that he was enabled allightly to vary the weary mostered of our ordinary press. Our mornton on the second of the second of the southern of the second of the second of the southern of the second of the second of the sidicious between been or who the second of disclined between been or who the second of the disclined between been or who the second of the health set to laterupt me in the adayment of the health set to laterupt me in the adayment of the

that the meal, but he was evidently delighted when I the bad finished. "Now then," said he, "come with me. It is the height of the tide, and I am anxious to

study its curious phenomera."

"What " I cold vising in extensionment wild you say, the tide, uncle?" "Certainir I did." "You do not meen to say," I replied, in a tone of respectful doubt. "that the influence of the sun "And peny why not? Are not all bodies influ-

enced by the law of universal attraction? Why should this wast underground sea he exampt from the general law, the rule of the universe? Bestring there is nothing the that which is macoust and demonstrated. Despite the great atmospheric pressure drawn here, you will notice that this in-

land see rises and falls with as much remlarity as the Atlantic Steelf." As my uncle spoke, we reached the sandy shore, and saw and heard the woves breaking monoton-

ously on the brach. They were evidently rising "This is truly the flood," I cried, looking at the water at my feet. "You, my excellent nephew," rapided my unch-

rubbing his hards with the gusto of a philosopher. and you see by these several streaks of foam, that the this rises at least ten or twelve feet." "It is indeed marradors."

"By no mount," he responded; "on the contrary, it is quite natural? "It may appear so in your eyes, my dear unde," was my runsy, "but the whole group of phenomena of the place appear to me to partake of the marvolum. It is almost impossible to believe that which I see. Who is his wildest dreams could

there could exist a real ocean, with althing and flowing tides, with its charges of winds, and own its storms. I for one should have laughed the suggestion to scorn," "But, Harry, my hoy, why not?" inquired my uncle, with a pitring smile, "Is there any physical

reason in opposition to 11?" "Not if we give up the great theory of the contral heat of the earth. That point once granted I certainly can see no reason for doubting the existence of sons and other wonders, even countries, in the interior of the clabe." "That is so-but of course these varied course

tries are uninhabited?" "Well, I great that it is more iffeely than not; atiff, I do not see why this sea should not have given shelter to some appeles of unknown fish." "Ritherto we have not discovered any, and the probabilities are rather against our ever doing so." observed the Professor.

I was losing my skapticism in the presence of these wonders, "Well, I am determined to solve the question. It is my intention to try my luck with my fishing line and book." "Certaluly: make the experiment," said my unclepleased with my enthusiasm. "While we are about

it, it will certainly be only peoper to discover all the secrets of this extraordinary region "Rut, after all, where are we nest?" I asked-"all this time I have quite forgotten to sak you a question, which, doubtless, your philosophical in-"Well," replied the Professor, "examining the

the pole as it does on earth, in the northern hemis-"This proves," I cried, "that the great point of magnetic attraction has acroswhare between the surface of the earth and the anet we have succeeded in reaching," "Exactly, my observant nephew," explained my uncle, elated and delighted, "and it is quite prohable that if we specead in cetting toward the polar regions-according near the poverty-third degree

"So much?" was my exclamation,

phere, has an upword tendency.

the scutheast?"

"I have gons over the matter several times, and

"Yes, with a western declination of wineteen

"What may that be, uncle? Your information

"Why that the needle, lastend of dipping towards

degrees, forty-two minutes, just as it is shove. An

for the inclination I have discovered a very curious

am sure not to have made a mistake of free hundred yards," resilied my uncle positively. "And as to the direction—are we still going to

of latitude, where Sir James Ross discovered the magnetic role, we shall heliald the needle point directly properly. We have therefore discovered that this great center of attraction is not situated at a very great depth." "Well " said L rather surprised, "this discovery will asterish experimental philosophers. It was

Dever surpected." "Belence, great, mighty and in the end unerring," replied my untle dormatically, "briance has fallen into many errors-errors which have been fortunate and useful rather than etherwise, for they have been the steroing stenes to truth!" After some further discussion, I turned to another matter, "Have you say idea of the depth

we have reached?" "We are now," continued the Professor, "eractly thirty-five leagues-show a hundred miles-down into the interior of the costs ? "Bo," said L after measuring the distance on the mag, "we are now beneath the Scottish Highlands, and hove over our heads the lofty Grampian hills." "You are cults right," said the Professor laughing, "It nated were elevating, the weight being

heavy-but the vanit which surports this yest mass of earth and rock is solid and sufe-the reights Architect of the Universe has constructed it of actid restoriels. Men, even in his highest flights of virid and noetle imagination, never thought of such things! What are the firest amber of our holders what the market made of our outbeforts to that mighty down about to and barenth which floate an ocean with its storms and calms said

"I admire it all as much as you can, unch, and have no fear that our granite sky will fall upon our heads. But now that we have discussed matters of science and discovery, what are your future intentions? Are you not thinking of getting back

to the surface of our beautiful sucthing. This was anid were as a feeler than with any here of any "Go back, numbers," erred my uncle in a tops of so absurd or cowardly. No, my intention is to advance and continue our fourtery. We have so yet been aburularly fortunate, and honouforth I hope "But," said I, "how are we to cross youder liquid

plain?" "It is not nor intention to lean into it head foremost, or even to swith across it, like Learder over the Hellavoont. But as oceans are, after all only start lakes incompts as they are surrounded by

"Doubtless," was my natural reply. "Well, then, do you not think that when once

we reach the other end, we shall find some means of continuing our journey?" "Peobably but what extent do you allow to this

internal ocean?" "I should fancy it to extend about forty or fifty "But even suppositive this appreximation to be a carrest one-what then?" I saked

"My dear boy, we have no time for further disgranten. We shall emberk to marrays." I looked around with surprise and incredulity. I could see nothing in the shape of best or vessel, County and including in the cause of term or vector.

an unknown sea; and where, if I may sale, in the "Well, my dear boy, it will not be expetly what were world call a vessel. For the present we must be content with a good and selld raft." "A raft." I gried, incredulensly, "but down here

a mafe is an improvable of construction on a peace -and I am at a loss to imagine-"My good Harry-if you were to listen instead of talking so much, you would bear," said my unde,

"I should hear?" "Yes-certain knocks with the hammer, Harn is now employing to make the raft. He has been at work for many bours."

"But where has he found trees welteble for such "He found the trees all ready to his hand. Come. and you shall see our excellent guide at work." More and more smused at what I heard and new I followed you waste like one in a dream. After a walk of about a quarter of an hour, I saw Hans at most on the other rule of the reconstitutes which formed our natural port. A few minutes were and I was beaule him. To my great supuries, on the

arridy shore lay a half-finished raft. It was made from beauts of a very peculiar wood, and a great number of Brebs, faints, honoris, and niscen lar about, sufficient to have constructed a fleet of thire I turned to rev upole effect with asterialment and awa. "Where did all this wood room from?"

I gried; "what wood is it?" "Well, there is planwood, for and the pains of the near he replied, materialists the sea," he replied, settentionally, "Can it he mossible?"

"Yes," said the learned Professor, "what you see is called fouril wood." "But then," eried I, after redecting for a moment,

"Scoutings that is the case. Marry of these woods have become true authentities, but others again. like those you see before you, have only there is no proof like demonstration," added my uncle micking one or two of these proctors waifs The piece of most after haring discovered for

a moment, carno to the surface, and ficated about with the coefficient produced by wind and tide.
"Are you convinced?" said my unche, with a selfsatisfied smile.

"I am convinced." I cried. "that what I see in incredible." The fact was that my fourney into the interior of

the earth was varietly changing all preconceived notices, and day by day preparing me for the marvelous. I should not have been surrefeed to have more a float of native reason affeat upon that select

The very rext exceller, thanks to the industry and ability of Hans, the raft was finished. It was about ten feet long and five foot wide. The beams lyand together with about ropes more solid and fron, and case launched by our united efforts, the Improvised vessel footed transmilly upon the waters Sec.

On the Weters-A Eaft Voyage N the 15th of August we were up betimes There was no time to be lost. We now had to insugurate a new kind of boometion. which would have the advertage of being reptil and fraterial tegether, to give additional strongth, a yard made from another one, the sail a lines sheet from our had. We mare footsmeasts in no mare of condam, and the whole on fruel approved salid and

At six o'clock in the marning, when the eager bark, the victuals, the leggage, all our instruments. which we had collected from springs in the rocks, were placed on the raft. Hars had, with considerable frigarnity, centrived a runder, which onabled him to write the deating apparatus with case. He took the tiller, as a matter of course. The warthy man was as parel a sailer on he was a stride and drash-hunder. I then let up the national solids held up to the shore, the sail was brought to the wind, and we made a rapid offing. Our sea voyage

had at length commenced; and once more we ware Just as we were about to leave the little neet where the raft had been constructed, my uncle who

was were strong as to prographic neroenelature. womted to give it a name and anomy others, anygreated mine. "Well?" said I "Sefere you decide I have another

to promon." "Well cost with to"

AMAZING STORIES "I should like to call it Gretchen. Port Gretchen must have been the aspect of the girbs, during the will sound very well on our future map," first centuries of its formation, when under the "Well, then, Port Gretchen let it be," said the cambined action of heat and humility, the worstable kinefors occupied its vant surface to the excipsion Professor. And thus it was that the memory of my dear cirl was attached to our adventurous and of everything else? These were considerations of philosopher

reconcrable expedition. When we left the sheep the wind was blowing from the northward and eastward. We wont di-

than might have been exceeded from a raft. The dense layers of atmosphere at that depth had great probabing power and acted goon the sail with con-

who had been making careful observations, was enabled to estimate the ranidity with which we proved. It was far beyond anything seen in the upper world "If," he said, "we continue to advance at our

present rate, we shall have traveled at least thirty loopies in twenty-four hours. With a more ruft this is an almost incredible velocity." I cortainly was appurised, and without making any reply went forward upon the raft. Already the northern share was fading away on the size

of the horizon. The two shores appeared to separate more and more, leaving a wide and open space for our departure. Refuse me I could see nothing but the vast and apparently limitiess sea-onen which Huge and dark clouds cast their grav shadows below-shadows which seemed to crush that color-

less and sollen water by their waight. Anything more suggestive of gloom and of regions of nether spots of water, brought up luminous scorkles in were whally out of sight of land, not a vestige

could be seen, nor any indication of where we were pay distant point to fix our eyes on, that but for bave fancied that we were still and motionless. But I knew that we were advancing at a very

About touries o'clock in the day, west collections of seaweed were discovered surrounding us on all sides. I was aware of the extraordinary vagetative power of these plants, which have been known to creep along the bottom of the great ocean, and stop the afrance of large thins. But never were sea-

weeds ever seen, so gigantic and wonderful as those of the Central Sea. I could well imagine how, seen at a distance, tossing and heaving on the summit of the hillows, the long lines of sless have been taken for living things, and thus have been the fertile sources of the belief in sea serments. Cor yaft owent must creat smerimens of funce or

seawrack, from three to four thousand feet in length, immense, incredibly long, looking like enakes that stretched out far beyond our horizon. It afforded me great arrangement to suce on their variegated ribbon-like endless lengths. Hour after hour passed without our coming to the termination of

waters supplied with fish or not? That was the important question. No-was my decided answer. Then there came a spiden and rather hard the

Hans coolly drew it in, and with it a fish, which straigeled violently to sorone. "A fish." cried my uncle, putting on his speciacles to examine it. stergeon."

"It is a sturgeon?" I cried, "certainly a small The Professor examined the fish carefully, not-

never-reding interest for the grelegist and the

All this while we were advanting on our journey

the evenius before, the luminous Mate of the at-

mosphere was in nothing diminished. Whatever

was the cause, it was a phenomenous upon the de-

nome little anequiative conversation indulered in I

stretched myself at the fort of the most and pres-

ently went to sizer. Hars remained motionless at

the tiller, allowing the raft to rise and fall on the

waves. The wind being oft, and the soil scusre, all

newly named Port Grotchen, my worthy uncle had

navigation, with instructions to not down even the

most minute particulars, every interesting and

curious phenomenon, the direction of the wind, our

every incident of our extraordinary voyage. From our log, therefore, I tell the story of our wayners

the neethwest. Raft progressing with extreme ra-

uidity, and going perfectly straight. Coast still direly visible, about therty miles to leavered. Nothing to be seen beyond the horizon in front. The

extraordinary intensity of the light neither in-

The weather remarkably fine; that is to say, the

clouds have ascended very high, and are light and Secry, and surrounded by an atmosphere recemb-

line alber in fusion. Thermometer + 52 degrees.

having respared and baited a hook, cost his line into the subjectanean waters. The hait he used

concealed his book. Amrious as I was, I was for a

loar time doorsed to disampointment. Were these

About twelve o'clock in the day our suids, Hans,

FRIDAY, August 14th. A stoody breeze from

Ever since we had taken our departure from the

he had to do was to keep his rudder saniships

As soon as our susper had been disposed of, and

ing every characteristic; and he did not coincide in my opinion. The fish had a flat head, round

body, and the lower extremities covered with bony scales; its mouth was wholly without teeth, the pectoral feet witish were highly depolered executed

direct from the body, which properly speaking had no tall. The animal certainly beloaged to the order in which naturalists class the sturgeon, but it diffored from that fish in many constitut narticulars My uncle, after all, was not mistaken. After a long

my patience was well-night exhausted. What natural force could passibly have produced such abnormal and extra ordinary plants? What dans boy, beloans to a family which has been extinct for ages, and of which no true has over born found on corth, except focall remains in the Devonita-"You do not mean to say," I cried, "that we have conjusted a live specimen of a fish beloating to the "We have," said the Preciseor, who all this time was centioning his observations," and you may see

"We have," said the Professor, who all this time was centifizing his observations, "and you may see by careful constantion that those fossil sish have as identify with existing specimen of the order, hand, therefore, a living specimen of the order, is cought to make a naturalist largey for life. Mecover this fish offers to our notice a remarkable poparatively, prove movem to acide in any other life.

outers, wells, lakes, in caverus, and such like hisden pools."

"And what may that be?"

"Si, in blin!"
"Rind" I rick, much supplied.
"Not only blind," continued the Professer, "but shoulded without a right."
I now examined our discovery few myself. It was been supplied to the supplied by the supplied with first, for in the water. This subtreveness even much have been tolorestly well supplied with first, for in the supplied with first supplied

there occurred. Detailings we were thin too her tencerative as exemination of the occur, I levked apward, too and the strange and repreterious sky. Why search are one of the lefts, reconstructed by the interestal Cavor, they has attreadous wings alest in the shall attract of subhermanea mir? It would, of ourne, find quite sufficient food from the this in the son. I greated for some time upon the world above.

It was no silicet and as described in the shores we had but intelligible and the little little and the little litt

singular animal portoking of the nature of the chin-

cover, the lower, the appropriation on the count.

— that I gave this while there of catestheres, crisitures. I carried myself below in gase, long befer trans existed—what, the earth was in too troperfect a state for him to live upon it. The while
for the country of the country of the country

perfect, execute by the best over examin, and more was
the only beginn here after that is unspecified.

morall Thrus were no more assessor, there were

creased unusuality, and materialised that of the

greater affects from.

great radiust Sin.

Next, unrolled before me life a panerama, come
the great and wendrous nories of terrestrial transformation. Hunt disregaring the granite reads
hast all trace of solidity, the liquid state was solled trace of solidity, the liquid state was solled trace of solidity, the liquid state was solled to the solid state of the solid state of the
total trace. The waters bett cetting on
the organic matter of the earth. The waters divord
over the whole surface of the picto; they bulled
they were velocilized, or turned into vapor; a kind
of stream-bull to vapor the whole earth, the glabe

of gas, takesetkalle in other, between with the can and red, as but on brilliant to the sum.

What an extraordinary drawn! Where would it faully that seel? My feverals hand began to write down the nurvelous detail—dutals race fibre the nunghtings of a heastle than arother solve one creat. I had during the period of administration for-getten energy them, the Professor, the guide, and the raft on which we were feating. My mind was "What if the reader on the reader of the period of the raft on which we were feating. My mind was "What if the reader New York is the reader New York in the reader."

by gree, which were wide opened like those of a semanically, were fixed upon him, but I do not a see him, but I do not not have been fixed. I desiry make set sarything around me.

"Table dire, my hoy," again cried my uncle, "you will all into the sac."

"As Do street those weeks, I felt myself sales of set.

As Deutered their worth, I felt myself seined or the other side by the firm hand of our deveted graph. Had it not been for the presence of mind of Hans, I must sarely have billen into the waves and been drowned. "Here you gone mad?" cried my uncle, shaking maged the other soft. "What—what is the matter?" I said at last, com-"What—what is the matter?" I said at last, com-

"Are you ill, Harry?" continued the Professor in an axistus tone.
"No-more that I have had an extraordinary dream. But it has passed away. All new moorm well," I added, booking around me with strangely puzzled oyes.

added, looking around me with strangely puzzled oyes.

"All right," said my uncle; "a beautiful breeze, a spixedid sen. We are geding sheap at a rapid rate, and if I am, not cut in my cachesitations we shall seen use land. I shall not be corry to exchange the narrew limits of our raft for the revisions attend

of the Subterranean Ocean,"

As my uncle uttered these words, I rose and carefully scanned the herizor. But the line of weter was atfil condumied with the lowering clouds that hand all the distance arounded to teach hand single, and in the distance arounded to teach hand single.

the edge of the water.

CHAPTER XXX
Terrific Sourism Combat

ATURDAY, August 15. The sea still retains

Its unaform manastery. The same leaden has, the same steemal plane from above. No foot-castion of land being in sight. The horsons appears to recreat before us, more and more as we advanced by head is still dull and heavy from the effects of my extracellancy drams, which I cannot say the health from my mind. The Prefessor, who has not

of my extracrillarry drawn, which I skinned all yelbunish from my mind. The Professor, who has not dreamed, is, however, in one of his merces and usaccombable burners. Spends his time in seasoning the hardness, at every point of the compace. He telescope is rathed every mescent in his eyes, and when he finds nucleing to give any cleve to our wharmhours, he assumms a Nepoleonic utilitude and wildehours, he assumms a Nepoleonic utilitude and wilde-

anxicusty. I remarked that my uncla, the Professor, had a strong tendency to resume his old impatient charotter, and I could not but made a note of thas disaggreeable circumstance. I now clearly that it had required all the intinence of my charger and sufficing, to extract from him one scintillation of his stane fishine. Now that I was only recovered, his

original nature had complered and obtained the upper hand.
"You seem uneasy, uncle," said I, when for about the hundredth time he put down his talescape and walked up and down, nutturing to himself.
"No, I am not uneasy," he regiled he a day harsh

tons, "by no mean."
"Perhaps I should have said impatient," I replied,
ordering the force of my remark.
"Enough to make me so, I think."
"And yet we are advancing at a rate seldom attained by a raft." I remarked.

"What matters that?" cried my made, "I can be would at the rate we pe at, but I am enought to find the sea so much waster than I expected." I then recollected that the Professor, before our departure, had extinated the length of this Sub-terreness Occas, as at much about fifty leagues. New we had traveled at least over threic that disasses without thisocorting any tense of the distant cases without thisocorting any tense of the distant

where. I begin to understand my uncleis anger.
"We are not going down," softening exishined
the Professor, "We are not preprietating with our
great discoveries. All this in uture less of time.
After all, I did not come from home to underside
a party of pleasure. This voyage on a raft over a
pend surious and westerin me."
He called this obvectioness fourney a party of

pleasure, and this great Inhand See a point "Ber," applied I, "If we have followed the crotic inhabited by the great Salzanson, we cannot be point inhabited by the great Salzanson, we cannot be point for wrong,"

"That is the question," as the great, the immoit Salzansone has it. Are we following the roots indicated by that woodrong asge? Dol Salzansone were full in with the great slaces of water? If he

ddd, did he cruss it? I began to fear that the rivulet we adopted for a guide has led us wrong." "In any case, we can never regret having come thus far. It is worth the whole journay to have colpyed this magnificent apectude—it is servolking to have near." I see nothing about seeing, nor shoot magni-

the artik with an object, and that object I mean to attain. Deaft talk to me shown admiring sensory, or any other sextimated treats."

After this I thought it will be held my tonges, and allow the Professor to lith his line until the blood core, without further remark.

Alter this I thought it will be a subject to the blood core, without further remark.

Alter this professor to both his line until the blood core, without further remark.

Alter this line is a subject to the his contract, and guide, Hana, saked for his weak's astery, and perceiving his there ris-colines, put them currently in

his points. He was perfectly contented and attained.

SUNDAY, 16th August. Nothing new to record.

The same weather as before. The wind has a slight traileasy to freahen up, with signs of an approaching gain. When I seeks, my first observation was its regard to the intensity of the light. I keep on forring, day after day, that the culturarilliary elsevier of the horizontal and the course first observation should be come first observation and the signs of the state of the property. The shades

of the still, its mast and stall, is clearly distinguished on the surface of the water. It immers is control to the stall of the water of the stall of the stall

Of course I was at a loos to understand. I turned sound toweries my uncle, absorbed in alsevery reflections. I had little wish to distarch him from his rewrite. I seconffingly turned once more toward our worthy Icelander. Hean wery quietly and signifientity opened his most once or twice, as if in the act of briting, and in this way made me understand his meaning.

"Testal," cried I, with stupefaction, as I encounted the bor of from with more sittention.

Yes, There can be no double about the marker, the indensations on the bor of from see the marker of seath. What innovant the owner of such moleracy promound of it flows we, then, econo upon a mean-temporary of the seath of the produced of the produced on the produced of the seathern a testal weake of waiters—a mounter more very close than a sharing more territles and builty that the things a sharing more territles and builty that the

whole. I am mable to withdraw my eyes from the har of free, actually half-crushed!

Is, then, my dream about to come true—a dread and terrible reality? All day my thoughts were lent upon these specifications, and my imagination sourcely regained a degree of columns and rower

lent upon these speculations, and my imagination accrealy regamed a degree of calmons and power of reflection with after a sleep of many hours. This Studies, as other Sundays, we observed as a day of rest and done meditation.

MONDAY, August 17th. I have been trying to resilize from memory the particular institute of those antechnician animals of the according period, which succording to the mellusca, to the crustaces, of vertexifore. The expression of modiles then refrared supreme soon the earth. These hideous ordary period, which formed the strata of which the Jura mountains are composed. What a gigantic siverture was theirs; what wast and profigious strength thay possessed! The existing sauriage. which include all such reptiles as liteards, erocodiles, and alligators, even the largest and most formidable of their slags, are but feeble imitations of their

there were giants in the days of old, there were also elegatic animals. and recollection of these awful monsters. No eve of man had seen them in the feeb. They took their walks shread upon the face of the corth thansands

fosmi bonos, discovered in the limestone, have allowed up to reconstruct there exatemically and thus to get some faint idea of their colougal forms-I recollect once seeing in the great Museum of Hamburg the skuleton of one of these wonderful

the score to the tall. Are I, then, an inhabitant of dibuyion family? I can susrosly believe it possible; can hardly believe it true. And yet these marks of proverful teach upon the larg of least our there be a doubt from their shape that the bite is the bite

My song store wildly and with terror upon the subterranced sea. Byory mororat I expect one of three moneters to rite from its yest caverness Appelles I force that the worthy Professor in serve Receive there my notions, if not my fears, for after an ottentive exemination of the crowbar, he

cast his eyes rapidly over the mighty and mysterious "What could possess him to leave the land," I thought, "on if the depth of this water was of sea immortance to us. No doubt he has disturbed some terrible moustor in his watery horse, and nechanwe may may dearly for our temesty." Arrives to and new that they were in a fit condition for use My uncle looked on at me and nodded his hard on provingly. He, too, had noticed what we had to

Already the polificar of the waters on the same face indicates that something is in motion below. The dancer argresches. It comes passes and nace.

TUESDAY, August 18. Evening came at less the hour, when the desire for along caused our eye-Mis to be heavy. Night there is not properly small. ing, in this place, any more than there is in one mer in the specie reoless. Here however to bemorable at the radder. When he smatches a moment of rest I really council say. I took advantage

of his wirdlenes to take some little means Two hours ofter I yes awakened from a house alosp by an awful shock. The raft appeared to have

"Eh, what is still eried my uncle starting un-Hens raysed his hand and neighted to where about two hundred varies off, a hune black mass was moving up and down. I looked with awe. My worst fears were realized. "It is a columnal monster!" I oried, clasping my bands, "Yes," cried the agstated Professor, "there you dor is a hope you ligard of terrible size and shape." mighty sires, the snimals of ages lone age. If

"are we shipwrecked, or what?"

"And further on behold a producious erecedile. Look at his hideous laws, and that you of moretoned teeth. Hal be has gone."

"A whale! a whole!" shouted the Professor "I can see his enormous fina. See, see, how he blows afr and water!" Two livered columns rose to a vast height shows

rific crash, waking up the orbors of that awful place. We stood still-surreland, stunefied, terrorfearful marine monstore, more hideous in the resiity than in my dream. They were of supernatural disseverences the very smallest of the whole narty

Hars, salging the tiller which had flown out of his hand, puts it hard a-weather in order to excure he do so, then he fade he is figing from Seylla to Charachette. To be seared in a truttle about fracty faint wide, and a serpent quite as long, with an engernous and hideous head recorns from out the waters.

Look which way we will, it is impossible for us to fiv. The fearful rentiles advanced upon us; they turned and twisted about the raft with awful yas ridity. They formed around our devoted vessel a surles of concentrio aboutes. I took up you wide be desparation. But what effect can a ride-ball produce upon the armer scales with which the bodies of

We remain still and dumb from atter horses. They selvence upon us, peacer and nearer. Our fote appears certain, fourful and terrible. On one and the might crossile, on the other the event nen arrows. The Perk of the fearful ground of

I was about to risk all and fire, to try the effect of a shot. Hans, the guide, however, interfered by a rion to charle me. The two bileses and assessment monsters passed within fifty fathoms of the raft. and then made a ruth at one another—their fury and race proporting them from saging us.

The combat commenced. We distinctly made out overy action of the two bideces mention. To over excited imagination the other animals appeared about to take nart in the flower and deadly structure -the mointer, the whale, the litted, and the turtle. I distinctly saw them every moment. I related there cut to the Irelander. But he coly shock his

head, "Tvs," he said. "What-two only does he say? Surely he is mistaken" I cried, in a tone of wooder

"He is quite right," realied my uncle credly and philosophically, examining the toyellle duel with his

### telescone and speaking as if he were in a locture a masherom in the midst of the sea. We were very

"How can that he?" "Yes, it is so. The first of these hideous mousteen has the want of a normales the head of a Heard the teeth of a crocodile; and it is this that has dereptifes, the world-resowned Ichthyassurus or

"The other is a monatous soment consulted

under the hard wuited shell of the turtle, the terrible enemy of its fearful rival, the Picefocaurus, or Son Crocedile." Hone was quite right. The two moraters only disturbed the surface of the sea! At last have mostal eyes gazed upon two reptiles of the great primitive ocean? I saw the faming red even of the

head. Nature in its infinite windom had gifted this wondrous marine unital with an ontical arearates of extreme power, capable of resesting the pressure of heavy layers of water which rolled over him in has by some authors truly been called the whale of motions at our king of the seas. This one measured not less than a hundred feet in brooth and I reald form some idea of his girth, when I saw him lift

his umdistant task out of the waters. His law is of awful size and strength, and seconding to the best-informed neturalists, it does not contain loss The other was the wighty Plesiasarus, a serrent with a cylindrical trunk, a short atomor tall, and fine like a benk of core in a Roman galley. Its

the reck, as flexible as that of a awar, rose more than thirty feet above the waver, a tower of ani-These eximals attached one another with inconcolvable fury. Such a combat year never safe has fore by mortal eyes, and to us who did see it, it so-

dream than anything else. They raised mountains of water, which dashed in smorey over the raft, altimes we seemed on the point of being must and hurled headlong into the waves. Historia binses appeared to shake the gloomy granite roof of that hearts. The surful combatonts half each other is a tight arrivage. I could not make set one from the other. Still the combat could not last for ever; and was unto un whichpoorur hasarm the victor.

without any decision result. The structule continued with the same stark tenseity, but without apparent result. The deadly conceants now approached, now they were about to leave us altogether, but instead of that, they came nearer and nearer. We crouched on the raft ready to fire at them at a moment's marrie drawn down by the indrawabl of the uniteral Several minutes shapped before anything was again sace. Was this wonderful combat to and in the double of the occors? Was the last out of this terrible drams to take place without speciatare? It was impossible for us to say, Sufficily, at no great distance from us, an enermons mass rose out of the waters—the head of the

great Plesiseaurus. The terrible monster was enormous body. All that could be distinguished was his servent-like neck, which he twested and was his superstance made, which he twitted kind corried in all the agentsa of death. New he struck the waters with it as if it had been a giventic whip, and then again wriggled like a weem cut in two. The water was spurted up to a great distance in all directions. A great portion of it swept over our raft and nearly blinded us. But soon the end of the beast pregroathed nearer and nearer; his censed; and at last the body of the mighty snake ky an inert, dead mass on the surface of the now

calm and placid waters. As for the Libthrossurus, has be rone down to his mighty cavers under the sea to rest, or will he recopear to destroy us? This question remained unanswered. Meanwhile we had breathing time.

FEDNESDAY, August 19. Portunately the of the unparalleled and extraordinary struggle. at the helm. My uncle, who for a short time had been withdrawn from his absorbing reverie by the payed preidents of this son-fight, fell back, appareatly into a brown study. All this trees, however, Our yearner pour bacome menetoning and uniform

Dull as it has become, I have no desire to have it broken by any recetition of the peerle and adver-TRUESDAY, Appust 20. The wind is now N. N. E., and blown very irregularly. It has changed to fitful gunts. The terrograture is exceedingly blab. We are now progressing at the average rate of about ton relies and a half ner hour. About twelve o'clock a distant sound as of thursday foll uren our ears. I make a note of the fact without

one continuous roar as of a sea falling over mighty "Far off in the distance," said the Professor dog matically, "there is some rock or some island against

ton of the most, but could wake out rothing. The what might be before us. The sound began to as-

turns that of a mighty dataract. I expressed my

them was. Still we were determined not to needs Three haves named without any slow to indicate

Suidenly the Johthynsaurus and the Pletjonaurus

ominion on this point strengly to my uncle. He come into that part of the world to be product.

lofty jets?

some mighty waterful which shall cast us into the about Probably this made of desconding into the would be something like a vertical descent he is so comes to realize. I entention a more different efects Whotever be the truth, it is certain that not many dinary phenomena, for as we advance the roar

I cast hasty glames aloft at the suspended vapors. and I seek to nemetrate their mighty deaths. But the wall above is tranquit. The clouds, which are now alcoated to the very summit, appear otterly atfill rock for the cause of this phenomeron elsewhere. I examine the horizon, now perfectly calm, pure and free from all base. Its aspect still remains un-

changed. But if this awful noise proceeds from a our roars are produced by the neise of falling of the extent of the nertl with which we are wennord. I consult the current. It simply does not exist; there is no such thing. An empty bottle cost

About four a'clock Hore visce, standage on the most and reaches the track finelf. From this elevaled mostling his freder are east around. They take eyes runnin foud. His face expresses no astonishmore, but his eyes shightly effects, "He has soon "I think so," I replied

Hans carne down, stood health us and neinted with his right hand to the north, "Der were," he off. "There," replied my unch. And seising his false.

scope he looked at it with great attention for shout a minute, which to use appeared an age. I knew not what to think or expect "Ves. yes." he eried in a tone of considerable sur-"What?" I saked.

"A twomendous spurt of water rising out of the WRYDS. "Scene other marine myrater." I orled, already

"Then left up ofear more to the westword, for we know what we have to expect from autodifuviage onimals," was my carey reply. I turned formarde More. Worse was at the tiller

steering with his usual undisturbed cales. Necestheleas, if from the distance which reparated us from this erestore, a distance which must be estimated at no less then a down known and this specting of water proceeded from the prants of arers artedibusing animal, his dimensions must be supercated by ordinary medicare. But we have not

was come the loftler in the enceding water. When monater over fill blowed with such hope volumes of water, and then unceasingly arout them out in such At cight o'clock in the oversito, recknellor ha above ground, where there is day and night, we are not reore than two leagues from the mighty beast,

We accordingly, continue to advance. The newer

baye been said to have onne ashore on electrical wholes mistel buy them for land. In it filtration, on is it fear? Its length compot be less than a thenand fathers. What, then, is this estucious monster of which no Cavier over thought? It is quite motionless and property the appearance of clean rather the waves which break on his hope and planuic frame. The system areast plains to a helphi

of five hundred feet, breeks in suray with a dollsullen roor. We advance, like senseless limition towards this mighty mass, I honestly confess that I was abjectly afraid, declared that I would go to further. I thereatened in my terror to cut the about of the sail. I attacked the Benforces with considerable regiments, calling him facilitately read I know not what He reads no

snower. Suddenly the importurbable Have once more reinted his figure to the mercelus object. \*Hobas C "An island?" oried my uncle, "As island?" I reabed, shrugging my shoulders

at this your attempt at deception. "Of course it for cried my unde, burnting into a loud and layou blugh. "But the sealer sevent?"

Yes, of course -- a geover," replied my unde, still lengthing, "a geyror like those correspon in Icaland lets like this are the great wonders of the country."

At first I would not allow that I had have no growsty deceived. What could be more ridicalous than to have taken an island for a marine receaser? But first we one may, one must yield to orthogen and J was finally convinced of our error. It was nothing after all, but retural phenomenon. As we approached pearer and nearer, the dimen-

sions of the Equid sheaf of water became truly grand and stupendous. The blood had at a dislover revested the amearance of on energous while, where head rose high above the waters. The proper, a word which signifies fury, rose malest! cally from its surrount. Doll determines any heard every now and then, and the energous let, taken As it were with and/on fury, abules its pleres of

It is alone. Neither sports of vonce pur but surines region is concentrated in one sublime column. The rays of abetric light mix with the damine sheef owere drup as it falls assuming the prismatic colors. of the rainbow. "Let us so on abore," said the Professor, effer-

nome minutes of stlence. It was necessary because to take great precaution. In order to assid the

### to foundar in an instead. How becomes steamed admirably, and brought us to the other extremity I was the first to less on the rock. My upde followed, while the older-frack hunter remained still, like a man above any childish sources of astonishment. We were now walking on evanite, mixed with like the sides of boilers in which over-heated steam

weight of falling waters, which would cause the raft

is forcibly confined. It was burning. We soon came in sight of the little central bosss from which rose the resour. I planted a therrogeneter into the water which run bubbling from the center, and it marked a best of a bundred and statustone degrees! This water, therefore, came from some place where the heat was integer. This was singu-

larly in contradiction with the theories of Professor Hardwire. I could not help telling him my coluler "Well," said he sharply, "and what does this prove

against my dectrine?" 'Nothing." replied I dryly, seeing that I was running my head against a foregone constanton. I am compelled to confass that until now we have been most remarkably fortunate, and that this vevare is temperature; but it appears evident, in fact, egrisin, that we shall seener or later series at one of these

regions, where the central heat will reach its utmost limits, and will so far beyond all the possible gradations of thermometers. Visions of the Hades of the ancients, believed to be in the center of the However, we shall see what we shall see. That is the Professor's favorite phrase now. Eaving

shriptened the volcanie island by the name of his nephry, the leader of the excedition terred away and gave the signal for emharkation. We well care, fully round the projecting, and rather descences." rocks of the southern side. Henr had taken adventure of this betef halt to repair the raft-toot

Before we took our final departure from the island, however, I made nome observations to calculate the distance we had gone over, and I put them down in my Journal. Since we left Port Gretchen, we had than eight bundred miles-on this great inland sea;

The Rattle of the Elements RIDAY, August 21st. This morning the magnificent gayrer had wholly disappeared. The

wind had freebened up, and we were fast leaving the neighborhood of Henry's Island. Exer the roaring round of the muchty column was lost The weather, if, under the circumstances, we may and dealy. The atmosphere is being gradually leadsaline waters; the clouds are alouly but sansibly

occord. Nature assumed a dend calm, and cannel to breathe. Upon the most, where I noticed a sort of shight ignils future, the sail hung in loose heavy folds. The raft law metionless in the reidst of a dark heavy sus-without undulation, without motion. It was as still as glass, "Let us lower the sall," I said, "It is only an act of common prodence."

"No-ro" cried my made in an evaporerolad tone, "a bundred times, no. Let the wind strike un it will-only let me see the glimmer of some constof some rocky cliffs, even if they dash our raft into

fullity towards the sea, and are assemble a durk

through the onesse curtain which has fallen like a

stage of which another and terrible drama was mon to be enacted. This time it is no fight of animals;

In the distance, the clouds have assumed the any rearrance of enormous halls of cotton, or rather

neds, reled one show the other in meturesone con-

fusion. By degrees, they appear to swell cert,

break, and cain in number what they less in oren-

able to lift themselves from the horizon; but under

the influence of the upper currents of air, they are

gradually broken up, become much farker, and

then present the appearance of one single layer of

a formidable character; now and then a lighter

cloud, still lit up from above, rebounds mon this

improvemated; my hairs literally stand on end as if

under the influence of a galvanic bettery. If one

of my companions westured to touch me, I think

he would receive rather a violent and unpleasant

of the storm became more thorough and decisive;

the wind appeared to soften down as if to take

above us looked like a huge bug-like the cave of

Acolus, in which the storm was collecting its forces

in the menacing signs of the sky, and yet I could

The Professor made me no answer. He was to a

"We shall have a tremendous storm," I said again, pointing to the horizon. "These chorts are

horrible, in a detactable humor-to see the ocean

stretching intermunably before his even. On hear-

falling lower and lower upon the sea, as if to crush

A great allance prevailed. The wind wholly

About ten o'clock in the morning, the symptoms

There can be no doubt that the entire atmountseen

it is the fearful battle of the elements.

a thousand pieces. No! keep up the sail-so mat-

Those words were acceptly offered, when the southern horizon underwent a sudden and violent

change. The lang accomplated vanors were resulted into water, and the air required to fill up the world ed with vanors, which carry with them the elecproduced became a wild and varing tempest. It tricity formed by the constant evaporation of the came from the most distant corners of the mighty cavers. It rared from every point of the com-

ness. It respect it velled; it shricked with size as of demons let loose. The darkness increased and became indeed dericness visible. The raft rose and fell with the storm, and boundad cover the servers. My smale year cost bindlesse upon the deck. With ereat difficulty I dragged myself towards him. He was holding on with might

and main to the end of a cable, and arreared to case with pleasure and delight at the spectage of the unchained elements. Hans perer moved a renasta. His lang heir driven hither and thither by the tempest and sesttered

wildly over his moticuless face, gave him a most extraorditary appearance—for every single hair was illuminated by little speckling sprags. His

once of an antedibyvian man, a true obstemperary Still the most holds good against the storm. The sail sprends out and fills like a sone buildle about

to burst. The reft rushes on at a pace impossible "The sail, the sail?" I oried, making a trumpet of my hands, and then endeavoring to lower it.

"Let it slens!" sold my uncle, more comparated "Nef." said Hors, cently shaking his bead, The rain formed a rearing catarast before this korison of which we were in search, and to which we were rushing like madman. But before this wilderness of waters renched us, the mighty vall of cloud was turn in twain; the sea began to form wildly. To the fearful claps of thunder were added dessiing flashes of lightning, such as I had never wen. The flasher crossed one another, buried from

every side; while the thunder came pealing like an othe The mana of yapor becomes incandescent; the " half-stones which strike the metal of our boots and our weapons, are actually luminous; the worse atthey rise appear to be fire-eating monston, beneath which seether an interes fire, their chair surmounted by comin of finns. My syss ara daysless, bilinded by the intensity of light, my cars are deafened by the awful roar of the elements. I am oung pelled to hold on to the mast, which bends like a reed beneath the violence of the storm, to which

none ever before seen by mariners here any resemblance. Here my traveline notes become very incomplete. loose and vague. I have only been able to make out one or two fugitive observations, detted down in a more mechanical way. But even their brevity, even

SUNDAY, August 234. Where have we got to? In what region are we mandering? We are still carried forward with inconceivable rapidity. night has been fractful, comething not to be deprefited. The storm above to siero of constition We exist in the midst of an unroar which has no name. The deterations so of ertillary are incessorat Our core literally bleed. We are unable to exchange a word or hear each other speak. The light person ceases to fissh for a single insteat. I can see the signars after a rapid dart, strike the arched roof

ma.

of this mightiest of mighty vaults. If it were to their forked streaks in every direction, and take the form of riphes of fire, which explade like hombshells over a beleaguered city. The pentral much and year do not apparently increase; it has already good far hayoud what human car can approciate. If all the possion-magazines in the world were to explode together, it would be impossible for us to

There is a constant emission of light from the leased; innumerable columns of water rush up like waterspouts; and fall back upon the surface of the ocean in foam. Whither are we going? My uncle still less at full length mon the raft, without meak-

Monnay, August 24. This terrible storm will never and. Why shankl not this state of the at-

morobers, so deser and murky, once modified, he-We are utterly broken and barassed by fatigue. Hans remains just so usual. The roft runs to the

south-east invariably. We have already gone two hundred leagues from the newly-discovered island. About twolve o'clock the storm becomes were than ever. We are obliged to fasten every bit of carro tightly on the deck of the raft, or everything would be awapt away. We tie ourselves to the must, each man leaking the other. The waves drive over us, so that governl times we are actually under

mater. We had been under the poinful necessity of abstaining from speech for three days and three nights. We opened our mouths, we moved our line. but no equited came. Even when we placed our mouths to each other's cars it was the same. The prind Sarried the voice away. My unde once conrised to get his best close to mine after several almost vain endeavors. He appeared to my nearly

notion, more from intuition than exvibing cise, that I took out my note book, from which under the most desperate circumstances I never narted, and apete a few words as legibly as I could-"Take in

"I." With a does sigh he podded his bend and His bend had scerecly time to fall back in the position from which he had momenturily raised it. when a disc on hall of fire armanuel on the wary adon of the raft-our daysted, our doomed craft. The mart and sail were carried away bedily, and I asse

them sweet away to a profiguous height like a kite. We were frozen, actually shivering with terror. The ball of fire, half white, helf asser-colored, about the size of a ten-inch homb-shell, moved along, turns ing with predigious rapidity to lesward of the storm. It ran about here, there and everywhere, it cismbered up one of the bulwarks of the raft, it leaned upon the sack of provisors, and then finally

our powder harrel. Horrible situation. An explosion now seemed

inevitable. The deciding disc moved to one side, it approached Haus, who looked at it with singular fixity; then it approached my uncle, who cast himsolf on his knees to avoid it; it came towards ms. as

### 'AMAZING STORIES

I stood pole and abuildaring in the desafing light deavoyed to withdraw. An odor of mitrous gas filled the whole air: it receivated to the throat, to the lungs. I felt ready to choke Why is it that I cannot withdraw my feet? Are they riveted to the flooring of the raft? No. The fall of the electric globe has turned all the iron on board into loadstones—the matraments, the tools, the arms are classing together with awful

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here closely to the plate of iron imbedded in the wood. I connot withdraw my foot. At last, by a violent and almost superhuman effort. I tear it sway just as the hall which is still round it and drag me with it-if---

executing its gyratory motions is about to run O what intense stupendous light! The globe of fire burnts--we are enveloped in essendes of living

fire, which fixed the space around with hardrons. matter. Then all west out and darkness once more fell upon the deep! I had just time to see my uncle once more cast apparently senseless on the fooring of the raft, Hars at the belm, "splitting fire" under the influence of the electricity which recorded to have

TURNAY, August 25. I have fust come out of a long fainting fit. The awful and hidgens storm still continues; the lightning has increased in vividness. and popus out its flery weath like a brook of sur-Are we still upon the sea? Yes, and being curried along with incredible velocity. We have passed

goos through him.

under England, under the Channel, under France. specially under the whole extent of Rossne. Another auful clamor in the distance. This time it is certain that the sea is breaking upon the recks at no great distance. Then-

## CHAPTER XXXIII Our Route Reversed.

ERE such what I call My Journal of our wavere on board the raft, which Journal was herothy saved from the wrock. I procood with my nearestive as I did before I commenced my daily notes.

What harmened when the terrible shock took place. when the raft was cast upon the rocky shore, it would be impossible for me now to say. I felt moaslf reprint ated violently into the builting waves and if I escaped from a certain and greet death, it was wholly owing to the determination of the faithful Hans, who elatching me by the arm, saved me

The courageous Icelander then carried me in his powerful seros, for out of the reach of the waves. and laid me down upon a burning expanse of sand. where I found myself some time afterwords in the company of my uncle the Professor. Then Hans critetly returned towards the fatel rocks, against which the furious waves were besting, in order to save any stray walfs from the wreck. This man I could not utter a word: I was quite overcome with emotion; my whole body was broken and bruised with fatigue; it took hours before I was anything like reyself. Meanwhile, there fell a fearful deluce of rain, drepching us to the skip. Its and of the storm. Some overhanging rocks afforded us a slight protection from the torrents. Under this shelter, Hans prepared some food which, however, I was unable to touch; exhausted by the three weary days and nights of watching we fell into a deep and rainful sleen. My dreams were fearful, but at best exhausted nature asserted

ber apprenacy, and I signbered Next day when I awoke the change was magical. The weather was magnificent. Air and sea, as if by mutual consent, had regained their serenity. Every trace of the storm, even the faintest, had disaployous tones I had heard from the Professor for many a day. His gayety, judged, was something terrible. "Well, my hal," he cried, rubbing his hands together, "have you slopt soundly?" Might it not have been supposed that we were

in the old bruse on the Kënigutrasse; that I had fust marriage with Gretchen was to take place that very day? My uncle's coolness was exameenting. Alax, considering how the tempest had driven us in an easterly direction, we we had massed under the whole of Germany, under the city of Hamburg where I had been so happy, under the very street world. It was a positive fact that I was only sensrated from her by a distance of forty learner. But these facty leagues were of hard impensivable over-

ite! All these dreamy and minerable reflections passed through my mind, before I attempted to "Why what is the matter?" he coled "fearest van say whether you have sleet well or not?" "I have sleet very usell," was my renly, "but every hone in my body sches. I suppose that will lead to nothing."

"Nothing at all, my boy. It is only the result of the fatigue of the lest few days-that is all." "You appear-if I may be allowed to say so-to he very felly this mouning." I said. "Delighted, my dear hoy, delighted. Was never harpier in my life. We have at last reached the wished-for port." "The end of our avaidation?" cried I in a tens

of considerable surmrise. "No; but to the confines of that sea which I besun to fear would never end, but so round the whole world. We will now tranquilly resume our fourney by land, and once again endeavor to dive "My dear uncle," I begin, in a healtating kind

of way, "allow me to ask you one question?" "Certainly, Harry; a dozen if you think proper." "One will suffice." How about exiting body?" I

agked. "How about cetting back? What a question to ook. We have not as not reached the end of our

"I know that. All I want to know in how you propose we shall manage the return voyage?" "In the most simple minner in the world," said new road for which to ascend to the surface, or wo shall amply turn around and go back by the way we come. I have every reason to believe that while we are traveling forward, it will not close behind

"Then one of the first matters to see to will be to repair the raft," was my rather melancholy re-

"Of course. We must attend to that above all

"Then comes the all-important question of provictors." I urred, "Have yet anything like enough left to enable us to accomplish such great, such amazing, designs as you contemplate carrying out?" "I have seen fate the matter, and my answer is in the affirmative. Hans is a very clover fellow, and

has seved the greater part of the curyon. But the best way to satisfy your scruples, is to come and judge for yourself." Saying which, he led the way out of the kind of open grotts in which we had taken abelter. I had almost begun to been that which I should rather have feared, the impossi-

billey of such a shirtwook leaving even the slightest signs of what it had carried as freight As noon as I reached the shores of this hisned sea, I found Hams standing gravely in the midst of a large number of things laid out in complete order. My uncle wrung his hands with deep and silent gratitude. His heart was too full for speech. This

men, whose superhuman devotion to his amployers. I peyer saw surpassed, nor own equaled, had been hard at work all the time we slept, and at the risk Of course, under the electricitances, we necessar-

ily experienced several severe leases. Our weapons had wholly vanished. But experience had taught us to do without them. The provision of powder had, however, remained intact, after nearly blowing us, "Well," said the Professor, who was now ready

to recke the best of everything, "as we have no sum, all we have to do is to give up all idea of "Yee, my dear sir, we can do without them, but

which I shaffy accept in Box of the rest. With it alone I can calculate the depth as we proceed; by its means alone I shall be able to docide when we have reacked the center of the surth. Ha, had but for this little insfrument we might make a mistake, and

you the rick of coming out at the antipodes?" 'All this was said sould breats of meastread laurebter. "But the commass," I cried, "without that what can we do?" "Here it is note and sound!" he cried, with real

joy, "sh, sh, and here we have the chronometer and the thormmeters. Hous the hunter was indeed an nextical and other instruments were concerned notining was wanting. Then us further examination, I found lafders, cords, victiaxon, crowbars, and shovels, all scattered about on the shore. "But what

ullied my uncle granule. The house which contained our supply of food for the voyage were placed in a. row along the strend, and proved in a capital state of preservation; the sea had in every case respected their contents. Taking into consideration becuits, sait meat, schiedam and dried fish, we could still calculate on heaving about four months' samely, if med with reudence and caution, "Four months," gred the sanguine Professor, in high gles. "then we shall have plenty of time both to co and to come, and with what remains I under-

take to give a grand dinner to my colleagues of the Johnstoweto." I sighed. I should by this time have accustomed raysolf to the temperament of my uncle, and yet this

man autorished me more and more swey day. He was the greatest bumon coigna I had ever known. "Now," said he, "before we do anything else we must lay in a stock of fresh water. The rain has fallen in abundance, and illed the hollows of the granite. There is a rich supply of water, and we

have no fear of suffering from thirst, which in our circumstances is of the last importance. As for the raft. I shall recommond Hear to repair it to the best of his abilities; though I have every reason to believe we shall not recuire it again." "How is that?" I cried, more amoved than ever st my uncle's style of reasoning. "I have an idea, my dear boy: it is none other

than this simple fact; we shall not come out by the same opening as that by which we entered," I began to lack at my socie with vacue suspicion An idea had more than once taken possession of me; and this was, that he was coing read. Little did I know how true and prophetic his words were

"And now." he said, "having seen to all these maiters of detail, to breakfast," I followed him to a sort of projecting cape, after he had given his lest austructions to our guide. In this original position, with dried mest, bissoit, and a delicious conof tea, we made a satisfactory meal-I may say one of the most welcome and pleasant I save remember.

Exhaustion, the loss atmosphere, the state of calm after so much sentation, all contributed to give me an excellent appetite. Indeed, it centributed very much to producing a pleasant and cheerful state of "Here is the manometer, the most useful of all, While breakfast was in hand, and between the sing of warre tag. I called my mole if he had any

idea of how we now stood in relation to the world above. "For my part." I added, "I think it will be rather difficult to determine." "Well, if we were convelled to fix the exact suct." said my uncle, "It might be difficult, since during the three days of that awful tempest I could keep no

account other of the quickness of our pace, or of the direction in which the roft was soing. Still, we will endeavor to approximate to the truth. We shall not, I believe, he so very far out," "Well, if I recollect rightly," I replied, "our last

"Harry's Island, my boy! Harry's Island, Do not decline the honor of having named it, having given your pame to an island discovered by us, the first human beings who tred it since the creation of

the world!"

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"Let it be so, then. At Harry's Island we had also gone over two hundred and seventy bequest of see, and we were, I belows, about its hundred leagues, more or less, from Issians." "Good. I am gial to see that you remember so will. Let us steer from that point, and let us count four days of steem, during which our rate

court four days of sterm, during which our rate of traveling must have been very great. I should say that our velocity must have been about sightle language to the twenty-four bears."

I agread that I thought this a fair calculation There were than three handred leagues to be addit

Three were then three hundred leagues to be solled to the grand total.

"Yes, and the Central See must extend ag least its hundred leagues from who to tide. Do you know my key, Harry, that we have discovered an inhand

"Certainly, and we only know of its extent in one way. It may be hundreds of miles in keight," "Vary likely," "Then," and I, after calculating for some misutes. "If wear mercious are right, we are at this

moment exactly under the Meditorranean itself."
"Do you think no?"
"Yes, I san almost certain of it. Are we not alnot hundred baques distant from Roykjawit?"
"That is perfectly troo, and a famous his of road we have travited no law. But also we should now a should here.

we have traceed, my (o). How way we assume as under the Mediterraneas more than scalar Turkay or the Atlantic Ocean can only be known when we are some of not having described from our course; and of this we know nothing."

"I do not think we were driven very far from our

offert the arms. By opticion is that this show must be tituated to the southeast of Part Gretcham."
"Gred—I hope as. R. will, however, he may to desirb the matter by taking the hearings from our departure by messes of the contrast. Curne along, and we will consult that invaluable leavestim." The Productor new withed except in the direction of the rock, where the individuals flows had placed for rock, where the individuals flows had placed

light-bearred; he raished his brads, and nasured all sorts of stiffshichs. He was to all appearances onte more a young man. Since I had howen him never had be been so minishe and pleanent. I fellowed him, relaker curious to know whether I had make any mittable in my estimation of our pestitions, all soom as we had reached the rock, my until took the company pleased it horizontally before him and

abaken it to give viveoity, it oscillated considerably, and then always assumed its right prelities mobe the influence of the magnottle power.

The Professor bent his eyes curiously over the woodress instrument. A victori start immediately

wendreus instrument. A violent start immediately aboved the extent of his emotion. He closed his above, rubbed them, and took another and keeper survey. Then he turned slowly retard to me, stupefaction dericted on his countenance.

"What to the matter?" said I, beginning to be slawned.

He could not speak. He was too overwhelmed for words. He simply pointed to the firstrament. I examined it espeny seconding to his mute directions and a lead over all surveits council my lies. turned invariable to the same unserpected point.

It was necess attempting to encount from one-solves for fatal truth. Thare could be no doubt, un-welcom as was the fact, that during the tempast, there had been a suiden start of wind, of which we had been anothed to take any account, and thus the raft had carried us back to the shores we had left, apparently for ever, are many days there?

CHAPTER XXXIV

I shook the compass; exemined it with a curious

No blooded in any way explained the phenomenon.

### CHAPTER XXXIV A Voyege of Discovery

came the Professor on making this extraordinary discovery. Americant, incredistry, and ragawere hierded in such a way as to alrem me. During the whole course of my life I had sever seen a man at first se shepfallen; and then so furriously indignant.
The ferrible failures of our new vorces, the free-

reference in a passed through, but all, all, genefor orthing. We had to begin them all over again, lastend of progressing, as we forthy expected, daving a wayage of so many days, we had refered to Every burn of our expedition on the raft had been so much lost time!

Presently, however, the indemittable assers of toy

Presistor, sowwer, the indistintion easiny of the surable overcome every other continuence. "So," the continuence of the contin

assemd to duty the fates. I, however, took upon roould to interfere, and to impose acres sert of checkupen such increasate orthograms.

"Little to root, uncloss?" I said, in a firm but the root, uncloss and the same firm to the same to the same to the same firm to the same to the same to the same firm to a strugged against the impossible. Pray listen to reason. We are utlearly unsymptoms for a sax vayascent ligaries of firm kinded became unce a

reason. We are utterly unprejured for a sea voyage; it is simple madeus to this of performing a second journey of fire hindred leaguess upon a second journey of fire hindred leaguess upon a said, a pathy stoic for a most, and a tempest to cosaid, a pathy stoic for a most, and a tempest to control control of the performance of the performance of the way as second likes, can say yello used this demonstrate.

we, a second man, year my year gape this comparison and treaches Central Sea."

These are only a few of the reasons and arguments thou to me appeared numerousles. I was allowed to go on without interruption for about the minutes. The comparation is this I was discussed. The Professional Comparation in the I was discussed. The Profession of the Professi

of all my desponse.

"To the mit!" be cried, in a basse voice, when I must be cried; be cried; by the same deer copy.

Such was the result of my streamen effect to resist his here will. I tried again; I barged and implored him; I got into a passion; but I had obtained with a will more determined than my even. I

with a will more ottermined than my earn, it secrecal to feel like the yaves which freight and initial agadest the lung mass of granulte at our feet, which had caulled grimly for to many ages at their party efforts. Hare, measurable, without taking part in our discussion, had been repairing the raft. One would have remeasurable that he intensity.

clastics, had been repairing the raft. One would have suppassed that he instinctively presented at the further projects of my uncle. By means of some fragments of coverage, he had again most the raft seasoworthy. White I had been upsaking he had holded a new must and sail, the latter already fluttering and waving its the breeze. The worther Professor such as few words to our

myertically gold, who immediately specs to our largue on lower, and be prepare for any distribute. The absorphies was we knowled down one country. The absorphies was we knowled down seconds. It appears for any distribute the country of the countr

is no harry, my boy," he said, "we thall not start untill temporrow."

I beloed the picture of resignation to the dire will of fate. "Under the circumstances," he said, "I ought to neglect no procunition. As fate has east no usen these shares. I shall not leave without have

ing completely examined them."
In order to suderstant fifth irremark, I must explain that though we had been driven back to the
necthern shore, we had landed at a very different
post from that which had been our starting point.
Part Greekban must, we calculated, he very mush to
the westward. Mething, therefore, was more
caller this new bless usen which we had so meacaller this new bless usen which we had so meacaller this new bless usen which we had so mea-

spectedly alkade. That us go on a journmy of discovery 1 order, 10 order, 10

cam) the manneter of which exceeded fitting feel.
They had in year ages belonged to those gigantic
slyptodom of the pilocene period, of which the modera twethe is but a minute spectrole. In addition,
the whole soil was covered by a vest quantity of stery relies, having the appearance of filints were
by the atthough of the waves, and lying in suscensive Bits all the role of that particl, so frequent on the surfaces of the globe, by the subsidience of the waters. The fredresce, who was now in his dement, confully examined every recky flavor. Let him only find an eparing and it directly become moorting the confunction of the confunction of the control Sec. when subsidiently an important change took place in the supposed of the solid II seemed to have been rashed cost up, convolutionlyse, as it were, by a violent space of the solid state. In many

layers one above the other. It appeared clear that we were walking upon a kind of subment, formed

been rather east up, convolisionless, as it were, by a violent upheaving of the lower leaks. In many planes, holious here, all bifulcies there, attacked great delicitation at some either periff of the terrestrict man. We advanced our large of difficulty over the breaks makes of greated mored with fast, and the state of the perifficulty of the state of the even than a field, a failer of busins, appeared refderly before our eyes. It bloods this an immuse considery, where generalized after generating had mingled their neared dute;

Laftly barrows of early remains not at intervals. They unclusted sawly the limits of the distant herizon and were lest in a thick and hower for, the thick may be the contract the contract the contract the contract the contract the contract the continue that is abstract the contract one creative still is abstract to the contract one creative still is shaltent of the contract one creative still in shaltent of the contract one creative still in shaltent of the contract of the contract that the contract the contract that the contrac

impationt curiotity. Our fast crushed with a styrend cracking tought the remains of these problem to the control of the control could be a control of these problem to feeting, for which the simeours of general circumstances of the control of the thick granity would worked overeight out for a winder that thick granity would worked overeight out for a winder of the control of the

expressed unbounded astrontchment. He stood in the presence of an endlose, wendrous and hischannithly rich salbeiten of ratedduring measure, piled up for his own private and pseudar satisfaction. Fissey as authorized to be over of books corride outside yibo the very misks of the fanous library of Alexandria bound by the openhaging multiple of the condition of the property of the conditions of the condition of the property of the condition of th

which mele Hardwige was now placed.

For some time he stood thus, literally aghest at
the magnitude of his discovery-investigate,

But it was own a greater confinement when, darting wildly over this mass of cepanic dust, he cought
up a raised skull and addressed me in a quivering
wise—"Harty, me how—Harty—this is a humen

CHAPTER XXXV

Discovery Upon Discovery

I'vill be easy to understand the Professor's mingled astrotchment and joy when, on advancing about twenty yards further, he found himself in the prisence of, I may say fice to figs with

## tory of St. Michai at Bordeaux, preserved it during countless ages? This was the question I asked any compount. There would have been great higher at Market has which I may whichly unable to answer. This to Institution, had the ministe hercorred there.

words in public. It was not exactly stuttering, but a

strange port of constitutional hesitation, "The writ-

He, however, could get no further. "Glowstoo-"

"Gigantosteelegy!" at last exclaimed Professor

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an entire fossil of the human race, actually belong-

head with stretched and parchmenty skin, with the

ity which prevented him from pronouncing difficult

The human skull was perfectly recognizable. Had a soil of year popular nature, like that of the core-

log to the quarternary period!

teeth whole, the boir abundant, was before our even Hardwigg, between two savage growls. "Yes, gentlemen, I am well noqualisted with all I stood mute, almost paralyzed with wonder and there matters, and know, also, that Cuvier and awe before this dread apperition of another age. Elemenharh fully recognized in these bones, the My uncle, who on almost every occasion was a great telker, remained for a time completely developmed. paried. But after what we now see, to allow a doubt is to insult scientific inquiry. There is the He was too full of emotion for speech to be possible. After a while, however, we raised up the body to body; you can see it; you can touch it. It is not a which the skuff belonged. We stood it on end. It skeleton, it is a complete and uninjured body, pre-perved with an authromological object." I did not seemed, to our excited imeginations, to look at us

assemed, to cor received rengalations, to look at us cereved with an enthropediguate object." I did not with its tereible labolity were, the constraint is not warmer to construct the construction of the construction, are related to expect the construction of our journey, it exists the measure all the curriculum core of any leaves the extraction of the construction of our journey, the activation of the construction of the c

exclinary position in which we were placed, the first manual covers which stretched for any over our hands. There can be no desire that the stretched was read at the institution obstreaming his structive yarding at the present obstretched alogie, water plat, for the year on his north obstretched alogie, water plat, for the year on his north obstretched alogie, water the present of the pure on his north obstretched alogies, which was recommended laives throw never activity.

"Gendlemen, I have the hence on this singuistions."

"Gardinan, I have the heure on this amplicous project of our golds. Many barriers have been been a superior of our golds. Many barriers have been seen into the transport of the golds. Many barriers have been seen in the project of the golds. Many barriers have a fair to the golds and the substitute of early dryn, the limit is the substitute of the subs

eversatially built him with thirt flagers of the five his designed, built flagers and the five his designed, built designed for the supersystem of the dock loose, and without heart and the supersystem of the dock loose, and without heart and the supersystem of the supersystem of the flager heart and the supersystem of the supersystem

tlates, and of the body of Asterius, ten sture lung. at his lectures, that he believed he serw all his aufifteen feet-of which we rend in Pausanian. "I have read everything in relation to the skyledience langhing during the delivery of his learned ten of Trapent, discovered in the fourteenth century, which many persons chose to regard as that "Yes," he continued, with renewed animation, of Polyphrums, and the history of the giant dug up "this is a forell man, a contemporary of the manduring the sixteenth century in the environs of todays, with the boses of which this whole amphi-Palmyra. You are as well aware sa I am sentletheatre is covered. But if I am called on to exclain men, of the existence of the celebrated analysis made meny Lucerne, in 1577, of the great bones

Delayers. You on an well seems as I kan, another the seems of the parties of the

contray I should have denied, with Peter Campet his great age, and of his being one of the oldest the existence of the prendenints of Scheschurz. I true through the production of Scheschurz. I true through the production of the

spoletre. Besides, after all, my uncle was right.

Much more learned men than his nephew would have forms it rather hard to refute his farts and

Another circumstance soon presented Strelf. vast plain of bones-the cometery of an extinct world. Other bulies were found as we tred the

dusty risin, and my uncle was able to choose the most marvelous of these specimens in order to ovavince the most incredulous In truth, it was a surrefelor spectagle, the suc-

consive remains of generations and generations of men and animals confounded together in one vast cornetory. But a great question now presented itself to our notice, and one we were actually afraid to contempiate in sil its hearings. Had these once soil by some transmious convulsion of nature, after they had been earth to earth and ashes to ashes, or had they fived here below, in this subterveneen

world, maley this factitions sky, hore, married, and given in marriage, and dying at last, just like ordinary inhabitants of the earth? Up to the present moment, marine monsters, fish, and such like animals, had alone been seen alive! The question which rendered us rather uncasy, was a pertinent one. Were any of these men of the

abyas wandering shout the deserted shores of this wondrous sea of the center of the sorth? This was a question which rendered me very uneasy and uncomfortable. How, should they really be in exutence, would they receive us men from above?

(To be concluded)

### Back Numbers of "Amazing Stories" TO doubt you will be interested to know, if The contents of the May issue were:

you have not secured the first issue of AMAZING STORES that back numbers can be secured at the rate of 25c per copy, postread. The contents of the first issue were:

"Of on a Count," first installment, by Jules

"The New Accelerator," by H. G. Wells, "The Men From the Aton," (First part) by G. Peyton Wertenbaker

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# The COMING of the ICE By G. Peyton Wertenbaker



I is strange to be along and to reld.

To be the last min on earth.

The saws drives affently about me, assistance, descript. And I am issued assistance, descript. And I am issued to the same and the

to keep me company, for they are all had in an infinity of anow and studight above, as the earth is lost in its grey infinity here halve. If only to could know how long it has been since first I was imprisoned upon the carth. It cannot metalte now. And yet come vape described some faint instinct, asks over and over in my throbbine near. What were? What was

thistoring sizes: What year? What year? It was in the price thing began in my life. There was then a way great man who performed operations upon his fellows to compete their visible—we called such men surgeone and the second of the second operations to the fellows to compete their visible—we called such men surgeone in industrial of south the Section before his many prevailing chandrods in England. But survey was only a body of Sir John, St. I must be percise, for, while he had scalewed an encorous reputation as current, he always felt that this real work her.

in the experimental and of his profession. He was, in a way, a dreamer, but a dreamer who could make his dream come true.

I was a very close friend of Sir John's. In incl., we chared the same apartments in London. I have

we chared the same sportments in London. I have never forgottes that day when he first mentioned to me his momentous discovery. I had just come in from a long sheigh-ride in the country with Allon, and I was seated drownly in the window-seat, writing (fir in my mind a des-

cription of the wind and the same and the same and the same was the sa

trallight.

With already developed leasen being, the problem is Six deltan operand analders 
by a shore at one end of the 
room and cause harryless are arrived in the control to 
control to causeline door, 
the bound at ma, the principle of 
relative the control to 
archive the control of 
principle of 
prin

without pausing, "The almost got it?" and their is looked to the the looked very indicrous at that moment. "What have you got?" I soked.
"God Lord, man, the Serret—the Serret!" And then be wan gone assile, the door closing men his

victorious cry, The Secret."

I was, of course, armeed. But I was also very much interested. I knew Sit John well enough to realize that, however amaning this appearance might be, there would be nothing abourd about his Secret."—whatever it was. But it was undeten to speculate. I could only hope for calightenment at dimens. So I immensed myself in one of the sur-

I think the book was one of Mr. H. G. Well's, speclish; "The Sleeper Avalent," or some other of the hellitat funtasion and predictors, for I was in a food container to belief in almost anything when, likes, we said down together across the table. I only with I round give sense idea of the atmosphere that percoacted our apartiment, the reality it lent to wightere was wast and assuring and streams. Your could then, whosen you due, understand a little the could then, whosen you due, understand a little the could then, whosen you due, understand a little the could the control of the country of the country of the country.

geens' volumes from his time Library of Imagina-

He dogme to explain it to me at core, as though the could keep it to humself no larger.

"Did you think I had gone mad, Dennell's hacked, "I quite wonder that I haves". Way, I have been studying for many prome—for most of my life on this problem. And, anddesty, I have solved It! Or, rather, I am afraid I have solved mother one much greater."

"Tell ms about %?" I suggrested. "But for Golds aske don't be technical." He redied.
"Right," he wild. Then he pursed. "Dennell, it's seguinforch! it will charge the whole social order of the world, it will charge comprising that is in the world." He special order in the world. He special mine auditury with the fatbilly of an hypothick. "Dennell, it is the Secret of Dennell Life." he said.

"Good Level, Str John?" I crical, half inclined to longh.
"I mean \$4," he said. "You know I have spent must of my life studying the processes of hirth, trying to find out providingly what word on in the

trying to find out precisely what went on in the whole history of conception."
"You have found out?"
"No, that is just what amuses me. I have dis-

the window-seat, writicovered countriling also without knowing yet what

Title proorful and treeds story by the saster of The

Man from the clover into of a non subs capacit for

the present without the control of the control of

ldes of it."

. It is themsende, perlage militors of years since Sir John explained to no. What little I understood at the time I may have forgotten since. Yet I try to reproduce what

"In my study of the precases of birth," be began, and recent of an action which then place in the truments of an action which then place in the birth of both zero and waters. There are certain progeties in the facel we cat that remain in the body for the reproduction of lift, two delitor. Essence, so to speak, of which one is resistently by the versus,

another by the man. It is the union of these two properties that, of course, creates the child.

"Now, I made a slight mistake one day in experimenting with a guine-poly, and I re-arranged contrain ergans with I need not describe to that I thought I had completely messed up the poor crosture's addonner. It lived, however, and I shift models.

It was some years later that I happened to notice it "True, true, I know it. But it is hard to face. again. It had not given both to any young, but I nevertheless." was amused to note that it had apparently grown "I am not afraid to face it." I said, a little boostno olders it occuped precisely in the same state of fully.
"You do not understand it, Dennell, I am afraid. growth in which I had left it.

"From that I built up. I re-exemined the guinea-And I wonder whether you or I or any of us on this nig. and observed it experies I have not dated one earth are ready for such a sten. After all to reak studies. But in the end I found that my 'mistake' a race deathless, one should be sure it is a perfect had in reality been a momentous discovery. I found certain ducts, and to onen certain document oreans.

tion was changed, "You have heard, of course, that our bodies are continually changing, hour by hour, minute by minute, so that every few years we have been literally reborn. Some such principle as this seems to operate in reproduction, except that, instead of the old body being replaced by the new, and in its form, appreximately, the new body is created anart

from it. It is the creation of children that cousses us to die, it would neem, because if this activity is, so to speak, dammed up or turned aside into new shannels, the remoduction overstes on the old body. renowing it continuelly. It is very obscure and very ha the fact remains that the operation can be done. that it actually prolongs life indefinitely, and that I

Sir John told me a very great deal more, but, after all, I think it amounted to bitle more than thin. It would be impossible for me to express the great hold his discovery took upon my mind the moment he recounted it. From the year fluit under the spall of his personality, I believed, and I knew he was speaking the truth. And it opened up before dealy eternal, never again to know the fear of

death. I could see myself storing up, empary after cardury, an amplitude of wisdom and experience that would make me truly a god. "Bir John!" I cried, long before he was freished, "But, Dennell, you are too hasty. You must not yet yourself so mehly into my hands." "You have perfected the operation, haven't you?"

"That is true," be said.

"You want toy it out on asymbody must you not?" "Yes, of course. And yet-somehow, Dennell, I con afraid. I remost bein feeling that man is not yet prepared for such a wart thing. There are seeridges. One must give up love and all sengual pleasure. This eneration not only takes some the the things that yo with sex, all leve, all sense of beauty, all feeling for neetry and the arts. It leaves only the few emetions sulfish emetions that any necessary to self-preservation. Do was not see? One becomes an intellect, nothing more as said

apotheonis of reason. (And I, for one, cannot face "But, Sir John, like many feors, it is largely horrible in the foresight. After you have chapred your anture you cannot regret it. What you are would be as burrible an idea to you afterwards as

"Sig John." I said. "It is not you who have to force But I am firmly vessional, and I demand it of you as Well, we around much further, but in the end I

man Sir John promised to nextore the consultan three days later. ... But do you perceive now what I had forgotten during all that discussion, the one thing I had thought I could never forget so long as I lived. not even for an instant? It was my love for Afree-I had forgotten that;

I cannot write here all the infinity of emotions I experienced later, when, with Alice in my ayms, it englantly come mon my what I had done Apor ago-I have forgotten how to fool. I could name because a non-renderstand there. You only the board can understand the heart, and the intellect only the

With Alice in my arms. I tald the whole story, It was she who with her cuick instinct amounted what I had never noticed. "But Carll" the cried, 'Don't you see !- It will mean that we own never be married!" And, for the

since the last shood of comprehension slipped from me, that I lost constiling very wonderful when I last love. But what does it matter? I lost Alice too, and I suppose I could not have known love again. without her. We were very and and very tracic that night.

For hours and hours we argued the question over. But I felt nomeschot that I was beautreably country in my fate, that I could not retreat now from nor resolve. I was, perhaps, very school-borish, but I full that it would be assumption to back out your But it was Alice again who perceived a final ospect of the matter. "Cast," she said to me, her lips very close to mine. "It need not come between our love. After all ours

the reduct then of the flesh. We shall remain lowers. but we shall forget mere carnal desire. I shall submis to that operation too!" And I could not chake her from her receive. I would speak of danger that I could not let her face. But, after the fushion of women, she disarried me

with the accusation that I did not love her, that I did not want her love, that I was trying to escape from love. What answer had I for that, but that I loved her and would do snything in the world not I have wondered sometimes gince whether we

might have known the love of the mind. Is love accompling certically of the flesh seconthing created by an ironic God merely to proposante His race? Or can there be love without emotion, love without THE COMING OF THE ICE

interpret come over the face of the purse, then she

was calm again, her countenance impassive. She re-

assured me in outek meaningless physics, and told

too to sleen. But I could not sleen: I was absolutely

"It is soing to be very hard to tell him."

could hardly control my laboured breathing. "How sudden it was!" one of there said. "To be

"We will have to lose it from him until he is recovered fully." There was a long pease, and I

delirium, and I was never told what I said during

my ravings. Nor can I concess the feelings I was

I only know that for weeks I was sunk to a missry

leffled like that-" I heard no more, for I least sudfoit sudden rainful things that I cannot describe that I could not have described then. For a morner dealy up in bed, crying out "Oairk! For God's sake, tell me what has hap-I felt that I must rise and ery out that I could not pened?" I jumped to the floor and saled one of do it. But the feeling passed, and I was passive. them by the collar. She was herrified. I shook Something was pressed about my mouth and nose. comething with an etherial smell. Staring eves swam her with a superhuman strength. "Tell me!" I shouted, "Tell me-Or Fil-!" Sha tald me-what clse could the do. gled instinctively, but in vain-I was held securely. "They were killed in an accident," she passed. forth on a nitch-black background; a great bellow "in a taxi—a collision—the Strand—!" And at that burring echood in my head. My head sasmed sudmoment a crowd of nurses and attendants arrived. dealy to have become all throat, a greet, covernous, called by the other frantic woman, and they put me empty throat in which sounds and lights were to bed again. I have no memory of the next few days. I was in mingled together, in a swift rhythm, approaching,

I began to emerge from the effect of the other. saturated with when at last I regained my mind Exervitator was dire, but I could perceive Alice beecole. Between my old emotions and any atternet to not them into words, or even to remember them, alde me, and Sir John, "Browly doze!" Sir John was saving, and Alice. lies always that is surmountable wall of my Change, I compet understand what I must have felt. I comtoo, was saying something, but I cannot remember what. For a long while we talked, I speaking the nonscense of those who are coming out from under other, they teasing me a little solemnly. But after a beyond may misery I had ever imagined before. The little while I become aware of the fast that they two only friends I had on earth were more to me. I were about to have. Saddenly, God knows why, I was left slone. And, for the first time, I began to knew that they must not leave. Something cried see before me all these endless years that would be the same, dull, leosly. in the back of my bead that they reset stay-our cannot explain these things, except by after events.

When I swelce again, my head was fairly clear, but there was an abominable resk of other all about

ine. The moment I opened my eyes, I felt that some-

thing had harpened. I asked for Sir John and for

Alice. I saw a rwift, curious look that I could not

receding eternally. Then, I think there were

dreams. But I have forgotten them.

massion-love between two cold intellects? I do not

There is no need to draw out the tule. Already

fizehed and sulvered from silvery cold instruments. For a moment our bands, Sir John's and mine,

gripped, and we were saving good-bye-for a little while-in the way mon say these things. Then I

felt the warm touch of Alice's lipe upon mine, and I

know. I did not ask then. I accepted anything

that would make our way more easy

I began to press them to remain, but they smiled and said they must get their dinner. I commanded them not to go; but they spake kindly and said thes would be back before long. I think I even went a little. like a child, but Sir John said semething to then they were gone, and somehow I was salesp. . .

Yet I recovered. I could feel each day the growth of a stronge pew victor in my limbs, a yest force that was something tangibly expressive of oternal life. Slowly my anguish began to die. After a week more, I began to understand how my emotions were I could not bear the thought at first. I would look at

and I would say, "God! How besatiful!" And the words would echo meaninglessly in my care. Or I would re-

member Alice's face, that face I had once lowed

the golden nurlight and the blue shodow of the wind.

## 236 AMAZING STORIES so inextinguishibly, and I would weep and clutch are forehead, and cleach my fats, crying, spacing from place to plice, I continued my studies.

"O God, how can I live without her?" Yet there would be a little strange frang in my head at the game measure, anying,
"Who is this Albor? You know no such parson," And truly I would wonder whether the had ever actisted.

So, slowly, the old amotions were shed away from ms, and I began to joy in a corresponding growth of my mental perceptions. I began to toy sity with mathematical formulae I had forgetten years ago, in the room fashion that a poet togs with a word and its shades of meaning. I would look at everything with new newine were new reconstitute, and

and its chades of meaning. I would look at everything with new, noting eyes, new perception, and I would understand things I had never understood before, heature formerly my emptions had always occupied me mare than my thoughts. And so the weeks went by, until, one day, I was well.

And so the weeks went by, units, one day, I was well.

... What, after all, is the use of this chronicle? Surely there will never be men to read it. I have heard tham say that the snow will never go. I will be kuried, it will be buried with use; and it will be the end of us both. Yet, stembers, it easns

that my innegimation must have filed in the work movement between episedes. I think now, of necesairy, in forms of centuries and sufficience, rether than sloys and meeths. . . The enough howeverrely shoot my little fare, and I knew it will now gather overage to quench us both. . . Yann passed, at first with a nort of clear wooder.

I watched things that took plets everywhere in the world. I studied. The other students were much armsand to see me, a men of thirty old, cerling hack to college.

"But Judas, Dennel, you've already get year. "But Judas, Dennel, you've already get you'd all ank me. And I would reply;
"I went an M.D. and an FR.C.S." I didn't tell

them that I wanted degrees in Lev, too, and in Bislags and Chemistry, in Architecture and Reginearing, in Psychology and Psilocophy. Even as, I believe they thought me and. But poor fools! I would think. They can hardly realism that I have all of strenity before me for study. I went to school fee many decodes. I would pass form University to University, historyly gutheting

secoid think. They can hardly realize that I aske all of circuity before me for sicked. I would possform University to University, insurely extheting all the fruits of every subject I took my reveilled in study as no student reveiled over before. There was no need of warry in my fit, no force form in any body, and a magnifectors of vitten and durity in my lond. I all trayed it supersonm. I had only to go on steering up wisdom until the day should then I would be a superson to the contraction of the time I would remain the world.

the year 2MM, a great discovery was made by a tuneculcide Exemines. It had to do with the curvature of spars, quite thanging the conceptions that we had all followed aims Minstein, I had four year had, in time, the rest of the world. I throw mysted immediately into the study of this new, special rest immediately into the study of this new, special productions are supported in the study of the second To my amounts. It all secured to me curvature of the study was trying to formation.

"Why? I carles, the bing is a monthous fraud"

I had no consciousness of monotony, for, to the in-

tellect, recontour caused exists it was one of those

smotions I had left behind. One day, however, in

dim and sharive. I could not quite group which Zenerities was trying to forcutistic. Zenerities was trying to forcutistic. I was to the control of the control of the University of the stateoid, and I told had it was a frend, as huge both of more nonseasa. He fooded at more properties of the control of the control of the control by the name I was at the time units, I' can afreight by the name I was at the time units, I' can afreight you do not understand it, that it all. When your midd has breakined, you well. You should supply that the control of the control of the control of the that agreed me, for I had mattered my Physics.

welling roburing inswinger and power and ability
all that time, faster and robust, while I had been
only remaining still. And now here was Exercitors
as the tocalest of the Universities, and, specially,
a hundred intelligent men, who had all outstripped
and I was being sich shahad. I need set dissisuniversities of the world. I need set dissisfurther upon it. By the cool of that extray I had
been inthe baint by all the attackes of the world,
and I never did understand Exercises. Other same
once with 60th theories, and these thoories were
once with 60th theories, and these thoories were

heer come with other theories, and these theories was accepted by the weeff. Bet I could not understand pass them. My intellectual life was et an end. I had ting nothing were to understand. I know occepting filling I was expalse of knowing, and, these certainty, I could be to Many the proposed in the work. A time came any when the East and Weet, two mighty unified hemisting phone, one up in arms: the city was of a plant.

I recall only chacke visions of fire and thursder and hell. It was all incomprehentible to me: like a binare dream, things happened, people rushed about, but I never have what they were delay. It harked dering all that time in a timy shaddering hale under the city of Yokohama, and by a marked I survived. And the East won. But it scenes to have mattered little who did win, for all the world they traveled by the millions equithward, perilable had become, in all except its few remaining travel. as they work pursuad by the snaw and the cold

when it was all rebuilt again, under a eingle government.

I caw the first of the atrange creatures who were appaired among us in the year (STI), non-who were the control of the control

judices, a single race, and nothing was changed

Consider the second of the second of the contract of the part of t

tion in mechanics, with the course extensions any tobing with a touch of the fringer. Strunger men, these creatures of this insudered hosticity, man with large tentan and the course of the course course of the course of the course of the course of the entreproces. It was I, with my material companies, who chandeded when at last they gul to death all the pervaries, the criminals, and the insunyedilizes the world of the exem for which they had

ne mer zeed. It was then that I was forced to produce any lattered dol rapere, proving my identify and my story. They have it was trac, in comstrange fraints or their, and, thereafter, I was legel on exhibition as an archael survival. I saw the verif made immerital through the new lawesties of a man called Kathel, who used comwhat the same method "legen" decored had been what the rams method "legen" decored had been

used upon me. I observed the end of speech, of all perceptions enough one, when men issured to communicate directly by thought, and to resolve directly into the head of the myriad witeratons of the universe. All these things I saw, and more, until that time when there were no more discovery, but a Perfect Warld in which there was no need for arrithme but

memory. Men conset to count time at last. Several hundred years after the 15th Dynasty from the Last Way, or, as we would have counted in my time, about 200,000 A.D., distillat records of time were no longer kept carefully. They full into disses. Men hugan to forgot years, to forgut time at all. Of what alguidouse was time when can was inmoved.

After long incounted contarion, a time can when the dange green suitceading older. Slowly the

immortals.
After long, long uncounted centurion, a time came when the days given noticeably colors. Slewly the time days given to the colors of the size of the long and the colors of the long and the

selfon penetrated. And great fields of ice began to make their way conthward, grinding before them the brittle remains of civilizations, covering over relections and of man's proud work. Some appeared in Florith and Italy one summer. In the not, now was there always. Men left New York, Chingo, Paris, Yodchama, and werywhere

As let me, at late? Into finant on a fee by a newfal. It was the Bills config., however, for we were all united in our await fees of that Cold and that grinding field fee. All the great titles were were all united in our await fees of that Cold and that grinding field fee. All the great titles were of them as we read on it our machines over the anto-epreta known, longer's desiriest or cities, exheuled in bonks of store, store that the wind readed known doctated extend where the cream readed known doctated extend where the cream readed known for the control of the control of Fee state that the Longer when the frequency feet state the Longer known to a frequency feet that the Longer known to consider the con-

and that inevitable field of ice. They man forbis

creatures when the Cold first come upon them, but

turned every weapon of etlence to the recovery

of their physical power, for they foresaw that the

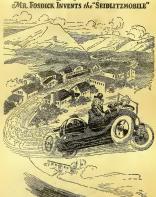
is reciting time, when they lest sight of the future and compared to the control of the control of the future and control of the first white and ancouch over all the corts when the office, twell once and after. One control of the control of first, twell once and after. One control of the first white the control of the control of the Devend capit, but the first would come always on the light and first American. The devent Devend capit, but the first would come always on worth cross, but to an anyon stip about the quality worth core, but to an anyon stip about the quality of platin, sor but broaded above the Molder crims of platin, sor but broaded above the Molder crims of platin, or that broaded above the Molder crims of cities this but related as the control of the control cities this but related as the control of the cities this but related as the control of the control of the cities this but related as the control of the

of yours. It was terrillo to imagine the aveid collision and the enflicts which that his ron these particular and the enflicts which that his rolling in ablace over all the enflicts of the enflict of the enflicts of the enflicts of the enflicts of the enflict of the enflicts of the enflicts of the enflicts of the enflict of the enflicts of the enflicts of the enflicts of the enflict of the enflicts of the enflict of the enflicts of the enflicts of the enflicts of the enflict of the enflicts of the enflicts of the enflict of the enflict of the enflict of the enflicts of the enflict o

It surrounded to on all sides, until life remained coly in a few contracted classings all about that equator of the globa, with an aternal five going to held away the hongary for. Perpendual writer reigned nows, and we were become terror-civilent hearts and we were become terror-civilent hearts and we were become terror-civilent hearts and we have been a surrounded to the contract of the surrounded of to the surrounded of the surrounded of the surrounded to the surrounded of the surrounded of the surrounded to the surrounded of the surrounded of the surrounded to the surrounded of the surrounded of the surrounded to the surrounded of the surrounded of the surrounded to the surrounded of the surrounded of

Good Let me tinin set scontining etc. Those men who lived upon each other—it was herethils. And I was one. So inevitably the Lee closed in. . . One day the men of cur tiny clearing were but a source. We holded attent our dying fire of home and atriy logs. We said nothing. We just sat, in deep, wordless, thoughtless ellernos. We were the last outpost of

I think suddenly according very noble must have transformed these creatures to a semblance of what they had been of old. I may, in their eyes, the question they sent from one to another, and in every eye I caw that the answer was, Yes. When the continuous properties of the properti



error of the nice trans it passed through, it was reported as a count; the other transie that Westler Farms of the vic that most arroral phromeson of nature, a day cloud-dures.

on that agreemt. I have a new invention that I want to interest you in." "And the nature of it is what?" inspired Mr. pany only disped his sen again in the violet ink and "An automobile run by those," and the inventor sorthitial the faster. A half hundred letters atill reheld up a Seidlitz powder. "There is a monderful mained to be signed and Mr. Snedgress figured that even with the attendent of luncheons he would be lot of newer in a Saidlitz newder, Mr. Snodgraga, an hour late upon the green. And this afternoon Just take first the blue and then the white," he said, be purposed having his revenue, for the Saturday offering the class and at the same time unfolding before the husband of his offspring had stung him the white names containing the other helf of the to the tune of sight up. nowder. Mr. Snederman dress book in some alarm. "No. Mr. Szoderass swung in his chair, "Well, what I'll take your word for it." is it?" The inquire came employingly and with a "Please take tt." invisted Mr. Povitek. "It's at fierce, sudden best like the mementary opening of beautiful experiment. It gives a pressure of ton a furtace door. It was Mr. Snodgraus' way-a atmospheres-one hundred and fifty pounda" resource to which mene in the office ever raid the fifty pounds. I couldn't stand it-I'd blow up-L "You are Mr. Smodornes?" "Yes, I am," susped that individual. "What The inventor shook his head solemnly. "In that, Mr. Snoderess, you are mistalors. The human The stranger, a man with mild blue eyes and displangm will stand one hundred and sixty pounds. vagua ramiting whiskers, seated himself. "Did You see, there is a margin of safety of ten poundsyou ever," he began, "take first the blue and then the experiment is perfectly safe." "I tell you I won't," cried Mr. Spedgrass, overthe white of a common, ordinary Saldlits newder?" Mr. Spodgress threw his head back aghast at the come by a sublen fear that he might be persuaded query. "No, I have not," he believed into such a rash adventure. "I won't, I tell you." The stranger was upperturbed. "Well then try "Then I will," said Mr. Foodisk, calmly lifting the glass, "Just watch, pecket one of the powders "Here, stop that !" cried in question walked coally the herrified Mr. Snod-THE petial, Elika Fedder, in telling some incidents of grass. "Don't do that in over to the water filter here. Go down into the with Schille sanders, actorately administered, with a carengine recon where we which he stirred with a have boiler inversee." long, index finger. "The result will surprise you." to be thwarted. With "I'll do nothing of the reel deliberation he confdarhed kind," reared Mr. Sanderson, "And say," he and then the other, "Right here," he said, after a demended, as he caught

sea, in the unideat analts of his imagination, takes a rec-

"SEIDLITZMOBILE"

er laid upon the president's desk a cord. JASON Q. POSDICE Increstro

the stemographer tittering

hebird her note hook. "who the devil are you

and how did you get in

For answer the strang-

SERVARDON DA"

Mr. Hiram Sundgrass did not look up from his deak. It was Saturday and

is nearly noon and the automobile was

peating outside to take him out to the

country club where he had a golf stone on with

Mr. Snodgrans' features experienced a sudden trareformation; the belligement convention faded away and a smile of iccomine pleasure suffused all of the countercare visible above and in front of the restingation whishers "My deer Mr. Foodisk I am delighted to meet you!" he eigculated. suppose you dropped in to see how the nut-crackers

and he placed his hand upon the pit of his stoenach. "Just feel the pros-Mr. Snodgrass extended his seen and gingerly prodded the compelling stranger under the ribs. "Not hard," said the inventor warningly. "Ros member, the margin of safety is only ten pounds."

minute's wait, "there in

Scidlitzmobile eleven and

quistions are not wrong,"

are setting slees. The device was on atter failure

an unquelified success. It is soing to make you a

ruch man. Mr. Fossiick. Your revolties are now

Mr. Foudick shook his head, "No. I am not here

amounting to over a hundred dollars a week."

Mr. Scoderass withdraw his band with lightnings like rapolity and the perspiration broke out upon

his forehead. "Considert you on cutside and sit around for awhile?" he inquired with some trepidation. "Our building to not very atrong and an agri-

dent would doubtlessly main many of our christ." "I usually don't stir," replied Mr. Fondick solumn-"If I should walk about and stumble-or if I should even cough or snesse, why then-"

AMAZING STORIES

"Yes, yes," intervented Mr. Spodgram, "Just "Why, man, you've no pressure!" exclaimed the wit perfectly still " be said torribe off the electric vessenear. "Look at the states." fan, "Keep out of all draughts and please try not It was true. The gauge registered not a single to owner. I'll telephone the fire deportment and the recrud Mr. Paulick fumbled in his norkets, but could not

find another powder.

"I green that last needer must have been a week one," he said, "But see, there is a drug store-and It was a harrowing ten minutes for the president of the Alax Manufacturing Company. When one every drug store carries Saidlitz powders. As long has reached the mature age of sixty years and has as you keep near the drug stores you need never a large family even to grand-children the stableso run out of nower."

"Net necessary," said the inventor, "The pres-

of one's life against the mere messe or couch of an Mr. Szedgraso' spirits roce. "We can turn that atter stranger is an unserving thing and the shock remark into profit," he said. We will copyright it. The name deat thing we will do will be to spend and faculties in a numb and dased condition. At any willies dollars in advartising this sentence throughrate, when Mr. Fracilck left the office a few miresten out the entire world; 'The Scidlitzmebile-the mechine that can get its power at any drag store." after the ordeal, he had in his pocket Mr. Smadgrasa' check of one thousand dollars for the building of Together the two man walked into the drug abou-

"A Soldlitz powder, if you please," said Mr. Posthe first Seidlitzmobile dick, laying ten cents upon the node counter. The spethectery dived back into the mysterious One receth later a team dress a succe boleregion behind the prescription case and hibernated. ing vehicle in front of the Afax Manufacturing

"I brought it ever here from the shop by mulewhat was resulted power," explained Mr. Fondick, "as I wanted you to "A Sectifitz powder, please," reiterated Mr. Postake the very first rids in the Saidlitzmobde under its own steam-or ma, rother." The druggist righted his hands anothously. "Tes The druggest righted his reacht anothoracy.

Mr. Spotgram leeked the marking over dublemity. "It looks like a fire extinguisher," he ventured. "but we have something just as good. We have-"Nothing but Scidlity," reared Mr. Sundermon. "That's the more very close that it moved on " mold "Taken the very principle last it works on," and the inventor, "You see this reservoir," and he eister way to one of his audien outbursts pointed to a large largeland breas cylinder under The druggist smaled blandly. "How old in the the bood, "is the mixing chamber-the stemach of "H's a reaching," cried Mr. Spedarson.

the machine on it were. Into it the revolers are "Ah, Indeed," remarked the druggist, looking at exitader engine goared to the back role. This link Mr. Szodgrasz queerly, "And may I ask what is motion controls the cut-off and the reverse, and the "It won't go!" bellowed Mr. Spodgrass. throttle here permits you to give the engine any

head of gas. But climb in," he added, "and we'll "Yes, yes," spreed the druppiet, "It won't go," Mr. Sportorana with same relactorer atorned into the telephone. "Till have a pice ross in a protes the methics and scated himself. Mr. Poulisk folblee suit with bright brees butters here in just a lowed him and then fishing out of his pecket a Seidfew mirutes, and he will make your head step ach-

lits powder he uncrewed a bruss cap frees a tuba ing," he promised them southingto "Yes think we are crucy," accound My. Spedgrass. that pretruled from the flaor of the reschine dressed the newdor through, tosted the harn, re-"Oh, not at all," reassured the clerk, "You are lessed the brakes, and they were off. It was a dearnbill road and for two miles-in fact for the entire Mr. Fonlick intervaned: "The machine is an autolength of the hill - the Scidlitureshile behaved motile run by carbenic acid gas," be explained, "and

that's why we wanted the Sciditte pender." Mr. Spodgrass became enthusiastic, "It's the A sigh of rollef escaped the drupolst. "Why didn't you say so at first?" he said. "I haven't had most silere marking I ever role in!" he eleculated. "It's an enlet on an electric." much a score in wears."

Mr. Fordick explained the principle of the ma-"And feet thick," not in Mr. Fasdick, "the reachina sen he vatolist at two brenford dellers. It chins. Mr. Sandgross benebt a bundful of cieura will make us millions! All there is to it in a ten and seem the demodet one who iscondictely not it dellar engine, a brane cylinder, four wheels, and a back in stock and abstracted a dime out of the cash Seollits powder. The borns is bound to become on register, and good feeling was restored.
"As I understand it," said the druggist, "your

extlast as the dode. Every family in the land will necessary one. It will be a convenience to the rich, a machine superator can in the same margar as a blessing to the peer, a- They had reached the bottom of the hill and the marhine stopped. "Precisely," agreed Mr. Fordick.

"What's the matter?" demanded Mr. Sanderzen "In that case," and the druggist, "you should me his vision of riches suddenly fading away bigarbarote of sods and sulphuric said."

Mr. Fradick out out and looked the reachine over minals "I think the engine has alread an acall inventors to adopt the appropriate of cutablers. contrie" he remarked after a few moments of prodeparted. "It spells the name of the machine," he forma study said "and the same is worth a million in itself."

But the druggist had exagin the contagion of his own idea. Diving back again behind the prescription case he emerged with a bettle of said and a large suck of bararbonate. "Come on," he said, suthusiastically, "we'll give it a good doe."

Before Mr. Feedick could remoustrate further the drawrist had emptied a neck of the alkell into the miving charefur and stood ready with the bettle

of acid. "Get in the machine and set all ready to prill cut," he said cheerfully, "for when I near in the sulphurie acid the pressure will generate very Mr. Sundgrass looked at Mr. Foedick and Mr. Fordick looked at Mr. Sunderass.

"Hurry!" said the druggist. There was a compelling ring in the spothecary's the men elimbed into the muchine.

"I have nothing horners," orcoved Mr. Sand-Mr. Fordick made no rentr. Although his face was note there were a set to his jaw that expressed s, determination to stay with his machine to the end.

No sconer were they sented than the druggist eagerly poured in five gallons of acid and them quickly arrested down the con-There was a sadden click of the pressure gauge and the hand flaw around to the extreme limit. "My God!" cionistad Mr. Sandersas. "The im-

dex shows the limit of the space-six hundred people. At what naint is your safety set?" "There is no safety valve," confessed Mr. Fordick weakly. "I didn't think it would be necessary." "The pressure is fine?" exclaimed the druggist as his eye capplit the paper. "And seritating the reservoir always increases the action of the acid." and entshing held of the wheel he gave the muchine a vicerous abaking back and forth.

"Stop that!" screamed Mr. Fordick. "Do you want to blow us un!" The druggist suddenly stopped and scratched his chis. "I fectot nemething," he said cheerfully, 'It is this: The sold will eat out your brass recorvols in a few minutes and will probably blow you

Into the next county." "Here," velled Mr. Sundgrass, "let me out," and he made a desperate effort to olimb out of the ma-But the frightened Mr. Fordick knew there was but one thing to do and that was to reduce the pressure of the reservoir by exhausting the gas-

through the engine. With a sudden movement he threar the throttle wife over and then with the mar of a moral engine the Settlitumabile took down the desty road 56 better than a hundred-mile-auhour clip.

the annels of automobiling as the malden effort of the Scidiffurnshile. It made the ninety-three miles between Jonestoro and Smith's Corner in twentyseven misutes, and in seven of the nine towns it other two wired the Weather Bureau of the visitation of that most unusual phenomenous of nature, a dry cloud-burst. As the machine tore its way exhaust olden, it asolvatisted thirty-seven dogs that endeavored to uprace it and killed all veretation on vards. Goose Creek, which paralleled the road for forty rolling ran years sody-water for two weeks afterwards, and it cost Mr. Sandross seven thou-

Names has there been such a ride chronicled in

sand dollars to have the expens replaced in fortythree townships, which be did only after suit had How far the machine would have traveled is difficult to determine, elthough ald Prof. Species. Mr. Fordick's impiscable enemy, calculated that the Seidlitzmobile would have your three and a fraction times around the earth before becoming winded But as a matter of bistory, it did not go this dis-

the dramplat's prediction came true. At Smither's Junction the reservoir exploded. It changed the course of Wild Cat run. The concussion was felt in nine states and the selsmoremb at the University of Tokin reported an earthquake somewhere in the Alegtian Islands Mr. Saedgress and Mr. Feedick finally came to earth on a haystack in an adjoining township after having made an ascent of two hours and fifteen minutes, missing function on route. The Acro Club

of France, which sent a special representative to the arost, calculated their flight at something own two million kilometers and presented both men with a pilot's license and an happrary membership in the ing that their flight was unpremoditated and that they could not honorphly arrest the Beenses. When Mr. Spoderass alighted upon the havetack he found that Mr. Feedlek had preceded him by some misutes. There was a deced, dreamy look omen Mr. Fouliek's face that correspond alarmed his

companion. "What's the matter, Fuedick?" he inquired, shaking him. "Are you unconscious?"

"No." replied the region, coming out of his musing with an appreciable effort, "I have just thought "Well, you can leave me out," retorted Mr. Snod-

grass, gourly.

# The STAR By H.G. Wells

Author of "The War of the Worlds", "The Time Machine", El



cetore those and the whole earth owaped and reached with the e

THE STAR

that the amountement was made, almost simultaneously from three observotorics, that the motion of the planet Negture the outgreat of all the

ratic. Orthy had already called attention to a seaported retardation in its velocity in December. Such the world the greater portion of whose lahabitouts were unaware of the existence of the pignet Nassuna. nor cutside the astronomical profession did the subsuccessful discovery of a faint remote speck of hight in the region of the aerterhed planet excess any

Scientific nords, however, found the intelligence remarkable enough, even before it became known that the new hedy was rapidly growns become and brighter, that its motion was exite different from the orderly progress of the planets, and that the defection of Nanture and its satellite was becoming

Few people without training in science can realize the bage isolation of the color aratom. The aux

with its specks of planets, its dust of planetolds, and its impulpable corners awtire in vacant immerelty that almost defeats the imagination. Beyond the orbit of Nortune there is suren varant

as for as human choorestim has penetrated, without warmth or hight or sound, blank emptiones, for twenty billion times a willien moles. That is the

saving a few comets, more unsubstantial than the had ever to humon knowlodre croased the gulf of opace, until early in the this

A vast mass of matter it was, bulky, heavy, runbing without warning out the slov into the radiance of the sun. By the non-

ment, as a speck with a are comblete and horrible. The stern to correct in its in the constellation. Lon paor Beaches In a Pittle while on open often could On the third day of the new year the newspaper readow of two homistheres were made aware for

appartition in the bowns. "A Planetary Collision." Ducking's opinion that this stronge new planet would probably collide with Neptune. The leader written enlarged upon the topic. So that in most expectation, however mann, of some eminent phonumeron in the aby- and as the night followed the their eves sireword to see the old femiliar stars and the stars overhead grown pale. The winters dawn it was a sickly filtering accumulation of daylight, and the light of gas and condice shape wellow in the windows to show where neerle were activ. crowds in the market stopped agape, workings going to their work betimes, mikmen, the drivers of news corts, dissipation going home juded and pole, homeless wonderers, scatingle on their bests, and in the country, bitogers trudging afield, poschers slinking home, all over the dusky quickening country it for the day-a great white star, came suddenly into

Hetil it was down in London and Polley setting

Brighter it was then any stay in our skies; Sriebter than the evening star at its brightest. It still slowed out white and large, no more twinkling snot of light but a small round clear shining disk, an hour after the day had come. And where science has not reached, man stared and feared, telling one another of the wars and restilences that are fore-

shadowed by these flery signs in the heavens, Standy Beers, Assley Hatterdate Gold Coast negrees, Preschmen, Spaniards, Porturuese, atoed in And in a hundred abservatories there had been

suppressed excitement, rising almost to shopting pitch, as the two remote bodies had reched together. There had been a hurrying to and fro to gather photographic approvatus and spectroscene; to eather torishing sight, the destruction of a world -- for it was a swelf, a sister

greater than our earth in deed, that had so anddon-ly finaled into family dorth. Neptune it was sals on object of laterest to the general public, but there which had been struck, and making markement of colorinations, for he houses the induced reliables of gravitations between bother and the effect on rathology bother of the same force from an outfairly, and aggarely, to turned two solid globes

Round the world that

and the are manufed above it. Receywhere from murvoled at it, but of then these seilors, habitual watchers of the stars who far away at see had bound nothing of its advert and saw it now rise like a plemy muon and climb

pendithward and hang overhead and aink westweed And when next it rose over Rurone everywhere mofe, in open spaces, staring contrard, waiting for the vision of the new stor. It was with a white surset round the globe thousands of men turned plon in fract like the above of a white fire and those who had seen if come into existence the night before cried out at the sight of it. "It is larger."

## 244 AMAZING STORIES they cried. "It is brighter?" And, indeed, the with a click. Half way up the sky, over the chance-

meen a quarter full and stiking in the west was in its apparent size beyond comparison, but nearedy in all its breadth had it as much brightness new as the little circle of the strange new star. "It is brighter!" crued the pecule clustering in the streets. But in the dim observatories the

"It is brighter?" errod the people chostering in the streets. But in the dim observatories the watches held their breath and peored at one saother. "It is morner," they said, "Wiscore?" And voice ofter veice repeated. "It is morner," and the clicking telegraph took that up, and it termined along telephone where, and in a thousand

trenshed along temponous wires, and in a thousand office grinty comparisons fargared the type. "It is office grinty comparisons fargared the type. "It is realistism, flowe down their para, mare tikking in a threated phone anotherly carrie upon a greenergy possibility in those words, "It is neces." It furnised along maskening stretch, it was abstrated down the freedstilled warps of quiet villages, men who had yet the strength of the contract of the possesses, and the passesses, "It is naurae." Pretty weemes flushed and gilltuting, hand the zows toodly sottingly loss to the passesses, beautiful the contract of the passesses, beautiful to the passesses, beautiful the contract of the passesses, beautiful the contract of the passesses, beautiful the contract of the passesses, beautiful the passesses and the passesses are the passesses are the passesses are the passesses and the passesses are the passesses are the passesses are the passesses and the passesses are the passesse

lever dance, an imprope an independent necessity they did not feel. "Nearer! Indeed from curious! Bless there people must be to find out things like Lonely tempo fairing through the wistry might manuscred these words to condect themselves—lonely gelayead. "It has need to be nearer, for the night's an odd as charity. Derivation much warrath from it if it is nearey, all the game."

"What is a new star to me?" cried the weaping was a manufacture basis bar dead.

The otheroby, rising early for his exemination work, peased it out for himself—with the great white star shining broad and bright through the freed-forware of his window. "Contriducial, cantripend," he said, with his chin en his fat. "Step a

petal," he still, with his chin on his fist. "Stop a planet in its flight, rob it of its centrifugal force, what then? Centripotal has it, and down it falls into the sun! And this—!"
"Do we come in the way? I wonder—"

The light of that day went the way of its architer, and with the blace widthes of the frosty destrook roos the strange ster again. And it was now as beight that the waveling more secret that a pile, when the strange ster again. And it was now as the beight that the waveling more secret that a pile with the strange of th

withouted, and felt strangely conflorted by the over brillings of the light.

The master undhamaticins sat in his private room and posted the speem from him. His calculations were already finished. In a small whate phila them call remained a thing of the day has hed hapk him awake and active for forer long mights. Each day, some properties of the second of the contraction of became to his students, and then had come book at even a little drown and heat form his drawned. ing roofs, abinarys, and steeples of the city, hour the size. He looked at it as one might bod into the eye of a He looked at it as one might bod into the eye of a brave energy. "You may kill may," he said after a silence. "But I can hold you—end all the universe for internation—the eyrlo of this little brain. I would not obtange even now."

He looked at the little phila! "There will be no

the isolated at the little pills. "There will be as proportion of the mining in the control of the pills of t

course I had designed. It would seem, proteinses, if may got the thing clearly and briefly, that—tran has lived in with: "The students with a lived in with." The students with the contract of one mether. Had they will be supported to the students with the students with the support of the students with the supported to the students when his call may support from. "It will be linteresting," he was equipm, "to devote this macring to an expectation, so the set I commiss it to keep.

of the calculation that have led me to this conclusion. Let us asseme—"
He turned toward the blackboard, meditating a
diagram in the way that was usual to him. "When
was that about 'freed in wal?" "whispered one student to another. "Lietus," and the other, nodiling
toward the lecturer.

And presently they began to understand.

That night the star rese later, for its proper costward notion had corried it some way arrays Lee

tword Virga, and its brightness was no great that the sky learness luminous his as it roo, and everce.

The state of the sky learness is a strong only applies mass were all the sky learness of sky learness of the sky learnes

solo pint by that sold other light, and in the either the hims hourt pulse and wan. And everywhere the world was souche than night, and increased of the third was a counter transmir has and theregolds off the third was a counter transmir has a stage of the child in a million beliefly towers and stopples, but more than the good to shape no man, to do a not be the counter that the counter the counter that the cou

grove, a little drawn, and bactic from his drugged the diskling star.

activity. For some time he seemed too in thought. And the streets and house were slight in all the
Then be want to the window, and the blind want up think, the phirarchy ricord, and whatever reads hed

THES

the star unbeeded

to high sountry were if that decovated all night long And in all the soas about the ethiculed larks slipp with threbleng engines, and slope with bellying subli, retwood with max and living restature, were standing out to ocean and the north. For already the wavening of the master anotherated in all to larked tangess. The new plant and begans harded tempos, The new plant and Sugaratic standard standard the same and the same very faute and fashes, thereof the same Alread, very faute and fashes, thereof the same Alread, very faute and fashes, thereof the same already

and every sector list terrife velocity, increased. As if flow fix covers, it must pass a banished million of allow wide of the court and correctly effect it.

But near its destined path, as yet only sharply particles, spun the mishivy planet Jupiter and his research with the million of the particle of

would not someten from its court to a new empresspath, and the hunting tern, seeming by the attractive path." and perhaps callife with and cortainly gas above 6, our earth. "Berthquistes, volume outbreeder, cyslosses, som weren, this other is a shouly rise in trapprature to 1 know use what finit"—so prophetaled the moster materiaaticies. When the contractive is a superior of the courtier design. The court is the contractive of the courtier design and with libest the type of the courtier design.

To many who stared at it that adds until that gow athely, it seemed that it was widthy appreciating. And that night, too, the weather charged, not that the frest that had gripped all Catted Blurges and Panton and England softened towards a taw. But you must not imagine because I have speker. But you must not imagine because I have speker had been allowed to be a support of the property of the pr

use and went still reads the work, and area for the call of sill are removes and the spokenic of the night, and the sill are removed to the spokenic of the night, common coorgotions. It all the cities the skeps, save one here and there, specad and alseed at their proper boors, the doster and the unifortable plint their trades, and weekers patients in the footesters of their trades, and weekers patients in the footesters of their trades. The presence of the zoverspects another, thieves briefed and field, politations planned their observes. The presence of the zoverspects rearred through the night, and many a price of the fortifier with its counterior is cloth association.

The recompanies instituted on the leases of the joint of the joint of the joint of the situation of the joint of the situation of the lease of the situation of

And yet, when at her the weathers in the Burepass states sow the star rate, an how later, it is true, but no larger than it had been the night befree, there were still pointy assole to laught at the master nosibersatchin—be take the designs of if 3 But hexenfer the laughter counsel. The star grow —it grow with a terribly steadiness hour after hour all the larger each loury, a bithe nearest the anticipit at like larger each loury is not heaven the midwight

ty, went about their nightly business, and save for

a little krayer and hour, a little meaver the minight scattle, and brighter one brighter, a sull it has burned night into day. Had it eems straight to the earth intends of in a curred path, and it host no vederly to Jupiter, it must have issept the intervening sulfing a day; but at most those two days absorption to in a day; but at trues it took two days absorption to a limit of the sulf-scattle of the most before and the little a third the size of the most before and to Dirighthesays, and the three was assured. It rose over America meanly the cite of the most, but histories with to look at, and but; and a breath to kinding withte to look at, and but; and a breath

of het wind kiere zow with its zijvig und gathering entropits, and in Virginia and Breasi and down the St. Lawrence valley in hous intermutating through a large control of the St. Lawrence valley in hous intermutating through the state of the St. Lawrence valley in the state of the St. Lawrence valley in the St. Lawrence valley va

their vulleys. And stort the cost of Argentins and up the South Atlantic times were higher than thay had ever the start of the start of

determine. In gloring white, but over Jeans of the Control of the Control of the Control of Control

one had hope of men-the open sea.

Larger grew the ater, and larger, hotter, and brighter with a terrible swiftness new. The tropi-

### AMAZING STORIES

246 line steam rose in aboutly wreaths from the black vision of the sky; the thunder and Hebtning ways

tossed ships. And then came a member. It resemed to those who la Danner matched for the plaint of the star that the world must have consed its rotation. In a thousand open spaces of down and upland the people who had fled thither from the floods and the falling houses vain. Hour followed hour through a terrible surname and the star rose not. Once name men not clear overhead, though the ground onivered percetually; but in the tromes Suring and Capella and Alde-

mayernest of the sky, and then suddenly, as it have

over India, its light had been veiled. All the plain

of India from the mouth of the Indus to the mouths

of the Genera was a shallow waste of shiping water

that night, out of which rose temples and palaces,

mounds and hills, black with people. Recey minaret

at last the great ster roos, near ten hours late, the sun rose alone umon it, and in the center of its white Over Axia the star had been to fall bekind the

into the turbid vuters as heat and terror everceme thers. The whole land seemed a-walling, and suddealy there awent a shadow neroes that formers of descript, and a breath of cald wind, and a cathering of clouds out of the coefing air. Men looking up, nearly blinded, at the star, and row that black disk between the star and the earth. And even as men cried to God at then recoits, out of the east with a strange, inexplicable owiftness surong the aug. And they star, san, and many rushed tearther So it was that precently, to the European watchore often and are tree shots were each other down headleng for a speed, and then slower, and at last came to rect, star and our merged into one giare of finne at the senith of the sky. The moon no longer sellinged the stor. but was last to sight in the brillialive recognice at for the most part with that dall

sturedity that burrer, fathers, best, and despair engunder, there were still more who could narrealize the meaning of these siens. Star and earth had been at their nearest, had swang about one arother. and the ates had marned. Absende it was reculing and the and surface to the last stone of its head-And then the clouds gathered, blotting out the such a downpour of pain as men had never sten before; and where the volcanass flowed and applicat Everywhere the waters were neuring off the land. bourne goad stilted ruins, and the earth littered like a storm-wors beech with all that had floated, and For days the water streamed off the land, sweeppring huge diless and scooping out titanic guilles over the countryside. Those were the days of darkthrough them, and for many wooks and months, the

But the star had passed, and men, hunger-drives

to their rufned cities, buried granaries, and sodder fields. Such few shire as had except the storms of that time came atsuned and shattered and soundine their way cautiously through the new marks and abouts of once familiar ports. And as the storres subsided men nerceived that everywhere the days were botter than of many and the arm larger, and the moon, shrank to a third of its former But of the new brotherhood that erow presently

among men, of the raving of laws and books and machines, of the strongs chapper that had come area that the nailten coming there presently found there green and greeious, and could morre believe their It sensores likely only with the saming and the The Marties estronomers-for there are estrono-

mern on Mans, although they are different beings from wars-were naturally prefoundly interested by these things. They saw them from their our standpoint, of course, "Considering the mass and our salar system into the pun," one wrote, "It is astonishing what little damage the earth, which it Rissed so narrowly, has suctained. All the familian continuated markings and the masses of the rear remain intert, and indeed the only difference seems to be a sheinkage of the white discoloration (supneed to be frozen water) round atther volc" Which only shows how areall the vastest of human refactivelyin may seem at a distance of a few roll.

- NEXT MONTH -

Two feedingting new stories which you won't forget for a long time : BLASPHEMER'S PLATRAU, by Alexander Soyder. THE TELEPATHIC PICKAUP, by Samuel M. Sargent, Jr.

Also there well-known consists: THE MOON METAL, by Professor Garrett P. Serviss THE MAGNETIC STORM, by Hugo Gernsback, F.R.S.

## "WHISPERING ETHER" Dy Charles S. Wolfe



bridge Brand Birthan batter de Auto Arriva (Brand) in Day bring and the Color and Arriva Color bridge brand by

MNOT a nelectivity of the control in my line.

"Stran," may line.

"Stran," may line.

"Stran," may line of thing, got me? "Stran," may line of thing, got me? "Stoo-smaker atked to your beautiful to may get me tide up in this extraction of the mark to do with my space time tide up in the sentential part a medien to jot down after me thinks, when it has mark to do who may be made to be the mark to do who may be made to be made to be a format to the mark to do who may be made to make the mark to the mark to be made to be mad

All mancing story by the two results about the Mr. Willey List other to assessible the Mr. Willey List other to assessible the Mr. Willey List other to assessible the most give a bould leve the strongs may use our table of Arm, it includes as it moved all of them more to policie are offer the strongs of the move the strongs of the move the strongs of the strongs of the move of the strongs of t

Proctor in the regular way, We didn't have no mutual acqualistances to ally us the lance-down. It all came about thru mu droppid' in one night, casual like, to blow his arte. You might wondow what a yeag would wast out of a laboratory ands. Maybe you'll wise up when I it may it were one.

when I tip you it was a contract job. Not my own, see? I'm names no names but there was a gang of hig guys that wanted old Prostec's formula for Chern, and thought it would

It pays to keep your mouth shut in the circles I nove in. Proctor's in the hug house. Three allenists, or

s, or Pr

## 248 AMAZING STORIES be choose to buy it off me than him. Anyway, I'm. He was talking souls, "My man," I wrighted

other the paper with the making of this explosive when I jimmile the laboratery window. I'm sayin' that right here: Proctor may be a not, I'm sayin' that right here: Proctor may be a not, screenist that trape, all that kind of suit. And it over our me just the same. And it he didn't do it with the minds machine, how in Hell close 60 you account for it!

over on me just the cause. And if he didir's do it with the mild machine, how in Hell cloc do you assecut for it's on the old can. She was a fairly expectable effair, and I make up my mind to blow her. I was drillin' away when click goes a switch and the sudden faire of light deaded me. Were you ever caught working on a guy's anti, trether' Not Well, take it from Chean; it'll his solding you ever well and the sudden you were the supplied of the submitted by the submitted with the submitted by t

ner. I was drilling soonly when triple goes a swiftle and the readent state of light datable sine. Were you and the readent state of light datable sine. Were you will be the readent state of the readent state of Well, take it from Gears, it's like sechang you were folk before. Even before I can see right my mirely worlder overtime hundred for a way out. And these I can see again, and there stands Prector, a large eard it can be a supported by the state of the less with an analytomes over his tears like it the written men. And I to tribe with for that the Anyway, I felt, it Just as quality as I san drow

the way protection. The first that the the first can desired the protection of the first that the first can desired the first that the first

sonly, my man, the indistance of the part of the color of

"You win," I says. "It shift But I can beat the "You win," I says. "It shift But I can beat the life out of you will be ports. His hand gree to his peaket. He pulle out a bittle bottle, just nicut the sine their sell you pills its. "Text, say friend," he cays, "So full of Chere. If I just tone it at your feet, you'll over attempt to otted in formula spain on this

Boss by wis? He even the fulfilling, "Call-the offers," and I checks the gas on the floor, "I'll go salishy," "Sensible," by remarkle; "very ornalide. Tou possess judgment, even if you do held courage. Whe sand you have?" "Call in the bulls," I growts. "I'm not opecaling," "Bet takes no notice, "I know who nort you. I He takes no notice, "I know who nort you. I

"Last in the suits," I grows. "I'm not opening."
He takes no notice. "I have who sent you. I
knew you were coming."
"Look bere," I blurts, "if that gang framed me,
I'll bilk. They sent for me, I didn't go to them.
I—"No one informed me, if that's what you mean."

"No con inscending in the same waste you mean, he says, coldily. "It is not necessary for any cat to inform me of anything. The world in an open book to me."

(That's just what he told that gang of naw-house afterwards, and they said he was isconey. But if they had seen thim at I seen him—)

their fines consistenty, and it it may write that you be dear inst. I am going to contrince them that it is unable to attempt empiring of the hind with me. I can not applying to them you over to be piloto. I am to send you have soon. After that, "I have been to be send you have soon. After that," he mind, "I dearly thank I shall be treashed by them. Comes!" that I shall be treashed by them. Comes!" There we man! much in that treat—que, a make enverse with appearatus. I have seen a wirehow as it. I based a material in the tar, or the conditions of the con-

when he areks. "the men for when you want and

imberiles. I have nomed my price for Chero, and

they don't want to pay it. They believe they can

wrest it from me by force or trickery. You say

sencetting different about it.

He pointed to it. Oh! I can see him yet, with
his fleshing type, and he hig done. "There," may
be, "it the mind meables. And you, a criminal, are
the first man to see teccopt its creator."
I'm getting on my feet qualit, and not no beared,
I'm getting on my feet qualit, and not no beared,
I aske, a game of it curriess. "What is it, Doe?"
I aske, "I'm you thought," he may, just as colours.

as as own.
That's right, beigh. I dea't blame you. I grissed
sepaid. He are my gris, and he turned on see like.
"That's right blames. "Cleaf You death. Fig.
"Thit," he believe. "Cleaf You death. Fig.
Your type has retarded the progress of musicin'
throughout the ages. You score—you subschell:
"Well, just there I'm life the dectors." As anti' I
thinks, "and leave with that bothe of Chure in his
positint." And if he give no to southe his.
"The provides it is provided by the provides and the provides are your with such that he under a leaf to your provides it as provides as a provide it as provides as a provide as a provide

at It also you could trought in a to go own't riest, have begat. It was begat to be a support of the beautiful to be desired to the beautiful to be desired to be desire

controlly, one, page us pire? For a set electry many, intended, Tale concentrating arts physically on the brain. Then many, intended, Tale and the relation of the brain. There is no roll on the hast for more blood. And the hast in a roll on the hast for more blood. And the hast of the set of the

against the walls of the voins and arteries of the head, predacting frisition."
"I see," I says, polistly. But I don't.
"This friction is the physical result of the mental action. Your purely mental process has, by the weathership of the multice blood and its attention. friction, been transfermed into, or has produced a physical manifestation," His voice mak to a whisper, "It is this fact that realoss nor great invention populie. The fraction set up preduces faint currents of electricity. It is Nature's own senerator. The currents are faint, work had they are there. And they ware in in-

surges and chies. Thus they have imprinted on them to them. They yeary in the individual. Some minds can represe a current one hundred-we, one thou-

sand-times greater than others, but all mends reperate to some extent.

"And these electrical impulses are thrown out into space in wave trauss, exactly as the radio teleerord throws them out. This accounts for the pheromena of mental falmethy. If conditions are not right, the receiving mind in perfect time with interpret the received impulses, you have accomplitched telegrathy. All that remained for me to do the generated current, its frequency-and it is high

didn't know just what to say, so I took a Bredy. "And what, Doe't Stip it to me quick." "And the length of the swetted ways," he comes

back at me, triumphoatly, "It might be one mil-Or it might be any length between those extremes-Or beyond them, for that matter. I succeeded in

He laughed. Or, rather, he laughed and sparled all at once. I'm telling you straight fellow your

hair stands or end when Proctor Isaghs like that, "I fancy some of your radio experts would gape of they were permitted to see my wave motor. I bedesertor for them. Our friend DeForest thinks that he has a monopoly on ultra-sensitive detectors. Proctor's detector is to the audion what a stop

watch is to a wheel burrow! "And the frequency. It is beyond the limits of andfallty as that term is understood. I wound phones that will render the received signals angible.

And the task was done." Meat of that stuff had more over, but like a lightning fisch the big idea burst thru' my abrospol-

I'll bet my syss popped as I gaped at that machine. "Do you mean that that "Good God!" I spluttered. Proctor smiled the nearest to a burner smile that

I owe asy on his mor. "You have glemmerings of intelligence," he said, in a gratified way; "I mean

mess," he roared, "that you are to go back to the for them to plot against me, for I can bear their miserable scale! That's how I knew you were coming here to-night! That's bow I knew that your neck, "And that's bow I know, you swine, that even He released me and fore the telephone things from of Ms cars. "Here!" he bellowed, clamping them over my ears, "here! Litten, and be con-

dials. A continuous humming and burning sounded in the 'nhones. And then it happened. Listen to me close, I know

they labeled Proctor "squirrel food" for telling them. loss than this bottom. This was July of 1914. Sufficiely something like a voice-no, not like a valce, either-like a voice inside my own boad, if

you can got me, said reasterfully, seith a strong German accent, "Serbia sail, because alse dars not subsaid. France sand, because the will see now hand to save herself. But my armics will print them like ergin in the rull. And then---Proctor tore the 'phones from me. I was like a stuffed doll and I never raised a mitt. He grabbed

me, and it was just like being caught in the jown of a visa, "You have heard," he thundered, "Now The last thing I remember and that he harred me toward the door. I remember spinning toward

The next thing I remember is wiking up in that chucked me, and it was late August when I found rewelf in that hespital.

As pear as I can learn I missed the door, hit the wall and a bottle of that Chero stuff out knocked off a shelf. They dog Proctor and I out of the ruins, and we were both pretty well messed up,

it not him a pass to the soulrrel care. If you read the papers at the time you'll remen her Prector wanted me to back him up, but I wouldn't talk. Least said, aspest remedeed Now you got all I know about it. I suffled it cooe up all they pass you at Harvard when he was young.

Joe said maybe Proctor fooled me with a cameliaged Maybe he did. I might think so myself if it had happened in September instead of July, 1914. Get

## The RUNAWAY SKYSCRAPER By Murray Leinster "



### THE RUNAWAY SKYSCRAPER wall it whale thing started when the clock

run backword. It was not a graceful proceeding. The bands had been range proceeding. The hands had been mayliberate fushion, slowly and thoughtfully, but outdealy the people in the offices near the clock's face heard an onunous creaking and grounder. There was a slight, hardly dispersible shiper through the tower, and then semething gave with a ceasis. The Immediately after the crash all the creaking and greening cocsed, and instead, the usual quest ogain hung over everything. One or two of the occupants of the upper offices put their heads out into the halls, but the elevators were running an usual, the lights were burning, and all seemed calm and peaceful. The clerks and stenogrambers went back

on the Hetropolitin Tower began to

to their leasers and typewriters, the husiness callers returned to the discussion of their errands, and the ordinary course of business was recomed. Arthur Churcherlain was dictating a letter to Estelle Woodword, his sole atmographer. When the erash oams he paused, listened, and then resumed

his task, It was not a difficult one. Talking to Rutelle Woodward was at no time an oserous duty, but it must be admitted that Arthur Chamberlain found it difficult to keep his conversation strictly upon his business.

He was at this time engaged in disjating a letter to his principal creditors, the Gary & Milton Company, explaining that their demand for the impredicte payment of the instalment then due muon his office furniture was untiredy and unjust. A young and building engineer in New York power has too much money, and when he is young as Arthur Chamberlain was, and as fond of pleasant company, and not too fond of economicine, he is

he usually considers them

fulshed dictating the let-

said regretfully, "I are

Miss Woodward shook

her hand vacually She

"Miss Woodward." he

ter and sighed.

a successful mon."

She had considered the matter and decided that she would have to recognider her former epinion of women who did not marry. Heretofore she had thought there must be something the matter with there. Now she believed that she would come to their own estate, and probably for the same reason. She could not fall in love and she wanted to. She read all the popular novels and thrilled at the love-scenes contained in them, but when any of degree sentimental she found benedif bored, and discusted with herself for being bured. Still, ohe could not help it, and was ctruggling to reconcile

could not understand their absorption in boxing

and basebell and she did not like the way they

herself to a life without romance. She was far too pretty for that, of engree, and Arthur Chambertsin often longed to tell ber how rectly she really was, but her abstracted air held He ky back of case in his swivel-chair and conskinged, looking at her with profetened pleasure. Sho did not notice it, for she was so much absorbed in her own thoughts that and rarely noticed saything

be said or did when they were not in the line of "Miss Woodward," he repeated, "I said I think I'll preer make a successful man. Do you know what that means?" She looked at him motely, volite inquire in her ayes. "It means," he said grapply, "that I am soins

broke. Unless semething turns up in the next three weeks, or a month at the latest, I'll have to get "And that means—" she asked.

"All this will go to pot," he explained with a eweening venture. "I thought I'd better tell you as

liable to find all demands for payment untimely and ing to give up your office W. E have all hand of and read about the Elustela theory, which resolves the one in its colealations of the westerious "twenth descension." Here our little abrened. sutter gives a monderfully effective picture of takes the the harder of the two, fourth sincurious did in the qualifiction of time, in the eald with a smile, "but that's what it means. finding a new place, with

did not seem to take his remark year neriously. and orner them towar for a spirite. The modern silv but then, she had learned scraper has accompassed them on their now, but evolperer to take any of his remarks seriously. She a way to return, to get their abjustrator back to foundar had been puzzled at first everything with a halfjoking pessimism.

You'll have no difficulty three weeks in which to look for one, but I'm surry." "I'm sorry, too, Mr. Chamberlain," she caid. She was not really frightened, because she

"You mean you're go-

-ord me?" she asked, a

"Giving up you will be

knew the could get another position, but the became aware of rather more regret than she had expected. There was alleges for a moment. "Jove" said Arthur, saidonly. "It's getting

"Things don't look just right, down there, some-

how. There are very few people about."

dark, hea't it?" It was It was prowing dark with unusual rapidity. Arthur went to his window and looked out. "Funny," he remarked in a moment or two.

She was interested in her own problems. She had suddenly decided that she was going to be an old maid, and it bothered her. She had discovered that she did not like any one well enough to marry, and she was in her twenty-second year She was not a native of New York, and the few

oung thus ale had rest there she did not save for She had warretfully decided she was too finicky, too fastidious, but could not norm to keln herself. She

He watched in prowing amazement. Lights come afraid I've gone crany. Do you see the same things I do?" on in the streets below, but none of the hundrings lighted up. It grew darker and darker. Estelle modded. Her cycs wide open. "What as the motter?" she asked helplessly. "It shouldn't be durk at this hour!" Arthur ex-

Estelle went to the window by his side. "It looks awfully queer," she agreed. "It must be an oclipse or semathing." They heard doors open in the hall outside, and

Arthur ran out. The halls were beginning to fill "What on earth's the matter?" soked a worried stenographer.

"Probably an oclipse," replied Arthur. "Only it's odd we didn't read about it in the papers." better informed then he, and he went back into his office.

"The streets are descried," she said in a reguled tone. "What's the matter? Did you hear?" Arthur shook his bood and reached for the "I'll call up and find out," he said confidently. He

held the receiver to his ear, "What the-" he exclaimed. "Linten to this!" A small tired roar was coming from the receiver.

"Look!" she said auddenly, and pointed out of All the city was now lighted up, and such of the signs as they could see were brillioutly illumined. They watched in silence. The streets once more permed filled with rehicles. They darted along,

their beadlumps lighting up the roadway brilliantly. There was, however, semething strange even about ing amazement and perplexity "Are-are you seeing what I am seeing?" asked Estelle breathlessly, "I see them going backmard!" Arthur watched and collarged into a chair.

"For the love of Mike!" he evolvined softly. Rotation of the Earth Reverted TE was roused by another exchanation from

"It's cetting light again," che said. Arthur rose and went eagerly to the window. The darkness was becoming less intense, but in a way Far to the west, over beyond the Jersey hillscoolly visible from the helpfut at which Arthur's sky, grew strenger and then took on a reddish tint.

peared, rising unconcernedly in the west, Arthur garned. The streets below continued to be througed with people and rector-cars. The sun was traveling with extraordinary rapidity. It rose overhead, and as if by magic the streets were throughd with people. Every one seemed to be running at top-speed. The few teams they saw moved at a breakneck page-backward! In suite of the spidenty tonsy-turey state of affairs there She turned again to the window. The opeare was simost empty once more. The motor-cars still traveling about the streets were going so swiftly

they were hardly visible. Their speed sourced to increase steadily. Soon it was almost impossible to distinguish them, and only a grayish blur marked their paths along Fifth Avenue and Twenty-third office was on the western side of the building thes

could not see the sun had sunk in the cast, but sub-In offence they watched the renerums grow black and then suddenly spring into belliantly illuminated

Again this lasted for a little while, and the wort once more began to glow. The sun rose agmentary more hashly from the Jersey kills and began to soar overhead, but very soon darkness fell again and the west grew red once more. "Arcarently," said Arthur, steadying his voice with a corocious effort, "there's been a catarbure

It seems to take only about five minutes for a As he make darkness fell for the third time. "What's poing to happen?" she cried "I don't know," answered Arthur. "The azientist

fellows tell us if the earth were to spin fast enough the centrifural force would throw us all off into space. Perhaps that's what's going to happen." Estelle sank into a chair and stared at him, anpalled. There was a sudden explosion behind them. With a start, Estelle jumped to her feet and turned. A little glit clock over her typewriter-desk lay in fragments. Arthur hastily glanced at his own watch,

"Great bombs and little cannon-balls!" he shouted. "Look at this!" His watch trembled and onlygged in his hand, impossible to watch the minute-hand, and the hourhand traveled like the wind. While they looked, it made two complete revolu-

tions. In one of them the glory of daylight had waxed, usered, and wantshed. In the other, darkness reigned except for the glow from the electric light overkeed. There was a sudden tension and eatch in the

watch. Arthur dropped it instantly. It flow to nieces before it reached the floor. "If you've got a watch," Arthur ordered swiftly, "stop it this instant!"

Rotalla femilial at her wrist. Arthur tore the watch from her hand and threw open the case. The mochinery facide was sping so swiftly it was hardly visible. Relaythestly Arthur folded a nonholder in the works. There was a sharp click, and

Arthur ran to the window. As he reached it the our rushed up, day lasted a moment, there was darkness, and then the sun appeared again.

Arthur not his hand to his bood, "Miss Woodward," he said pathetically, "Pm

THE RUNAWAY SKYSCRAPER "Miss Woodward?" Arthur ordered suddenby, "If the earth had sattled down, world have been lower. If it had settled to one sole we'd have been "Thee..."

Estelle gianced down. The next time the sun The ground was white with snow "What has happened?" the demanded, terrified "Oh, what has harrened?" Arthur fumbled at his chin awkwardly, watching

"look at the ground?"

the asteniabing passerang outside. There was hardly was up and the times it was below now, as the darkness and light followed each other so swiftly the effect was the same as one of the old

flakering motion-oletures. As Arthur watched, thus effect become more nonneunced. The tail Fifth Avenue Building across the way began to disintegrate. In a mement, it seemed, there was only a skeleton there. Then

that vanished, steey by steey. A great eavity in the earth armeared, and then another hullding became visible, a smaller, brown-stone, unimpressive structure. With buising oyes Arthur stared acress the city.

Except for the flickering, he could see almost sacrely a streak of unplessently brilliant light across

the sky. Bit by hit, building by building, the city began to disintegrate and become replaced by smaller, dingier buildings. In a little while three began to disappear and leave gups where they vanished

town. He saw a forest of masts and spars along his eyes again to the stepery near him it was simost berron of houses, and what few showed were mean,

small residences, anterestly set in the midst of farms and pleatations. "Oh, Mr. Chamberinin," she cried. "What is the matter? What has harpened?" Arthur had leet him four of what their fate would

be in his absorbing interest in what he saw. He was staring out of the winfow, wide-eved, lost in the sight before him. At Estelle's gry, however, he reluctantly left the window and patted her shoulder "I don't know how to explain it," he said un-

comfortably, "but it's obvious that my first surmise was all wrone. The anced of the earth's rotation can't have been increased, because if it had to the extent we see, we'd have been thrown off into space long ago. Egg-have you rend anything about the

Estelle shook her head hopelessly, then, have you over read anything by Wells? The "Time Machine," for instance?" Amun she abook her band.

"I don't know how I'm oning to say it so you'll understand, but time is just as much a dimension

as length and breadth. From what I can judge, I'd any there has been an earthquake, and the ground has settled a bitle with our building on it. the earth, or sidewice, it's cettled in this fourth

was very still in the office. Except for the flekering outside everything seemed very much Estelle was asblung with fright and Arthur was trying varily to remails ber.

moved one way or another, but as it's pettied back

"We're in a runaway skyseruper, bound for some

"Have I gone crary?" she demended between her "Not unless I've gone mad, too," said Arthur scothingly. The excitement had quite a southing

effect upon him. He had ceased to feel afread, but was simply westing to see what had happened. "We're way back before the founding of New York

now, and still going strong," "Are you sure that's what has bappened?" "If you'll look outside," he summeted, "you'll see One moment the enew covers all the ground, then

you catch a rhouse of autumn foliage, then sommer follows, and next spring." Retelle gianced out of the window and covered 'Not a house," also said despairingly. "Not a

building. Nothing, nothers, pething!" Arthur alimned his arm about hey and noticed been "It's all right," he ressoured bor. "We'll bring up presently, and there we'll be. There's nothing

She rested her head on his shoulder and nobbed horelessly for a little while longer, but presently queted. Then, suddenly, resiliant that Arthur's arm was about her and that she was crying on his

shoulder, ahe sprong away, blushing crimson, Arthur walked to the window. "Look there!" he exclaimed, but it was too late "I'll swear to it I saw the Half-Moon, Hudson's

nisp," he declared excitefly. "We're way back now, and don't seem to be slarkening up, either. Estalle came to the window by his side. The pup idly chouging scene before her made her mon. It was no loaner nousible to distinguish wight from day. A wavering streak, moving first to the right and

then to the left, showed where the sun flushed across the sky. "What reakes the nun wabble so?" she saled "Moving north and south of the equator," Arthur explained canually. "When it's ferthest south-to

the left-there's always snow on the ground. When it's furthest right it's summer. See how green it

A few momenta' observation correlected his "I'd say," Arthur remarked reflectively, "that it takes about fifteen seconds for the sun to make the round trip from farthest porth to farthest routh."

He felt hit pulse. "Do you know the normal rate of the heart-best? We can judge time that way, A clock will go all to pieces, of course,"

"Rot what does that mean?" saked Retella ma-

### "Way did your watch explode-and the elock?" a crevance in the earth council by an earth-make.

"Running forward in time unwinds a clock, deesn't it?" soled Arthur. "It follows, of course, that others wor move it backward in time it winds un. When you move it too far back, you wind it so tightly that the spring just breaks to pieces. He paped a moreered his fineres on his rules.

"Yes, it takes about fifteen seconds for all the four sessons to pass. That means we're going back seard in time about four years a winete. If we see time of the Northman, and will be able to tell of they did discours Arreston ofter all."

"Funny we don't hear any poisse." Retelle observed. She had expelit ores of Arthur's columns. "It vasses so quickly that though our ears hear it, we don't sumarate the rounds. If you'll notice, you

Estally listened, but sould hear nothing "No matter," and Arthur, "It's probably a little higher than your ears will catch. Lots of necedo san't keer a bot amaak! "I preer could," said Estelle, "Out in the country, where I come from other people sould hear there, but I couldn't." They stood a while in silence, watching

"When are we going to stop?" asked Estelle uneasily. "It sooms so if we're going to keep on "I guess we'll stop all right," Arthur reasoured how "He obscious that whatever it was it calls of feeted our own ballding, or we'd see some other one with us. It looks like a fault or a flaw in the rock

the building rests on. And that can only give so Estelle was silent for a morney "Oh, I can't be sexe!" she burst out semi-hysterically, "They can't be harrening!" "You aren't errory," said Arthur shursly, "You're some as I am. Just something queer is happening

Buck up. Say your multiplication tables. Say anything you know. Say something sensible and you'll know you're all right. But don't get frightened EC/E. There'll be plenty to get frightened shoot lates." The primness in his tone alarmed Estella. "What are you afraid of?" she saked suickly.

"Time enough to source when it harmon," Arthur "You-rou aren't afraid we'll go back before the beginning of the moved one you?" asked Entolin

in sudden access of fright.

Arthur shook his brod. "Tell me," said Estelle more quietly, getting a grip on herself, "I won't mind, But please tell Arthur stanged at her. Her fore was male, but

there was more resolution in it than he had expected "Til tell you, then," he said rejectantly. "We're poing back a little faster than 'on were, and the flare searce to be a degree one than I thought At themand yours before the discovery of America your and I think nearest three or form. And union printed and of the tier. So though I am an arre as I con he of anything that we'll ston this eave-in eventually, I don't know where. It's like

hundreds of yards, or even a mile or two. We started off smoothly. We're going at a terrific rate. "What?" she asked cutable "I don't know," said Arthur in an irritated tone to cover his apprehension. "How could I know!" Estells turned from him to the window again. "Look!" ahe said neisting

What well Asppen when you stood

Estelle caught her breath,

The flickering had begun again. While they stared, home springing up once more in their hearts.

which may be only a few feet deep, or it may be

theetly use the difference between day and night. They were slowing up! The white snow on the autumn lasted quite a while. They could outch the instead of its seeming like a ribbon of fire. At lead day insted all of affect or twenty minutes. It every longer and longer. Then half an hour, then an hour. The sun wavered in midbowen and

For below them, the seatchers in the tower of the tuen to be seen and a dense forest covered all of see looked recoval Whatever or rather to whatever smoch of time they were, they had arrived

> Indiana Occupy Medicon Square RTHUR caught at Retelle's arm and the two

A RTHUR caught at Estable's arm and the two made a dush for the elevators. Fertimately one was standing at M. the door own, on their floor. The elevator-boy had described his next and was looking with all the rost, at the strenge landscore that surrounded them No sconer had the pair reached the cur, however, than the boy came burrying along the corridor. these on form other marrie following how also at a run. Without a word the boy rushed inside, the others crowded after him, and the car abot down-

Theirs was the first ear to reach the bottom. Then rusked out and to the western door. Here, where they had been accustomed to see Madison Square agreed out before there, a clearing of perhaps half an acry in extent showed itself. Where their own instructively looked for the dark bronze fountain, near which somebox orators afore-

time held come they are a tent, a surroum of hides and back paily pointed. And before the wiccom ware two or three brown-skinned Indians, utterly Rebind the first wigness were others, pointed like the first with donler of brightly colored clay. Prove there too Prince larged and stand by

the majed afreness who invaded their demain.

Arthree took from or three days broathy of the

peredulus amazement, their even growing wider and wider. When the green of white vernie confronted the Indiana there was a memoria Asathilly silence. Then, with a wild well, the redskins broke and my not stormer to outbur together their be-

She found berealf trembling from some undefined cause. Arthur gioscod at her. He caw the tremb-"We're coing to middle along on well as we can." moment if something did not come up demanding "We'd better take a look at this village," he said in an off-hand voice. "We can probably find out how lone ago it is from the weapons and so on." He graspel her arm firmly and led her to the

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pottery."

direction of the tents. The other people, left behand, displayed their emotions in different ways, Dwo or three of them-women-not frankly dearn armirris. Two or three of the room sweer, in abolice Meantime, the elevators inside the building were

fresh sir and found himself even then comparing

its quality with that of the cuty. Estelle' stared about her with unbelieving even. She turned and

saw the creat bulk of the office building behind her.

then faced this small clearing with a virgin forest

on its farther side.

rushing and clonging, and the half filled with a white-faced mob, desperately asssists to find out what had harmoned and why. The neggle rouged out of the foor and stared about blankly. There was a poculiar expression of doubt on every one of their faces. Each one was asking himself of bewere awake, and having proved that by praches, openly administered, the part purry was whether

Arthur led Estelle contiously among the tenta Must of them were made of strips of birch-bark. with own. All had hide flare for doors and one or two were built almost entirely of hides, sewed together with atring of sixew. Arthur made only a currory examination of the

village. His principal motive in taking Ratelle ward off the reaction from the excitement of the recrely couches of hides, with minor demestic Dispalls statisted about. He brought from one tent a bow and quiver of arrows. The workmanship was

Arthur's acquaintance with archeological subjects wan very slight, but he observed that the arrowarada were chipped, and not rubbel smooth. They were attached to the shafts with strins of gut or Arthur was still pursuing his investigation when

a sob from Estelle made him stop and look at her. "Oh, what are we going to do?" she asked tearfully. "What ere we etime to do? Where are we?"

a grim smile. "I don't know. War back before the thing in the village that there isn't z trace of Europass elvilimation. I suspect that we are several thousand years back. I can't tell, of course, but then pottery makes me think so. See this bowl?" He pointed to a howl of red city lying on the "If you'll look, you'll see that it fan't really not-

ground before one of the wignams.

"But what are we going to do?" Estelle tearfully answered Arthur cheerfully, "until we can get back to where we started from. Maybe the neetle back in the twentieth contary can sold a rollof party after us. When the skysovaper vanished it must have left a hole of some sort, and it may be possible for them to follow us down." "If that's so," said Estelle suickly, "why can't we climb up it without walting for them to come Arthur scratched his head. He leeked across the clearing at the skystraper. It seemed to rest very

tery at all. It's a beaket that was woven of reeds

and then smeered with elay to make it fire-restrang. The people who made that didn't know about beking

clay to reside it say not. When America was dis-

covered nearly all the tribes knew something about

solidly on the ground. He looked up. The sky seemed normal. "To tell the truth," he admitted, "there doesn't seem to be any hole. I said that more to cheer you Estelle clunched her hands tightly and took a grip "Just tell me the truth," she said outeffr. "I was rather feelish, but belt me what you herestly think." "In that case," he said reluctantly, "Til admit we're in a pretty had fix. I don't know what has

harpered, how it harpened, or envising about it, I'm just going to keep on going until I see a way elear to get out of this mess. There are two thousand of us recols, more or less, and amone all of Estetic had turned very pale. "Were in no great danger from Indiane," went 48 Arthur thoughtfully, "or from anything also -Water know of garept one thing," "What is that?" asked Estelle quickly

Aithur shook his head and led her back toward the skyscraper, which was now throughd with the teoffs from all the floors who had rome down to the ground and were standing excitedly about the con-Scourse asking each other what had happened. Arthur Ini Estelle to one of the corners. (Wait for me here," he ordered, "I'm point to talk to thilicrowil."

He pushed his way through until he could reach the confectionery and news-stand in the main hallway. Here he chimbed up on the country and "People, listen to me! I'm going to tell you what's happened!" In an instant there was dead silence. He found himself the center of a san of white faces, every one contorted with fear and anxiety.

"To begin with," he said confidently, "there's nothing to be afraid of. We're going to get back to where we started from! I don't know been vet. but we'll do it. Don't get frightened. Now Pil tell you what's happened." He raredly eletched out for them, in words as

simple as he could make them, his theory that a flaw in the rock on which the foundations rected had developed and let the akyscraper sink, not downward, but into the Fourth Dimension.

#### "I'm an engineer," he finished, "What nature We'll climb out. In the mean time, motters are persons. We neede't be afreid of not potting book. We'll do that. What we've got to fight is-starms tion

T 78'VR get to fight starvetton, and we've get to best it." Arthur continued diggedly. "The falling was this now because I

went you to begin right at the beginning and pitch in to belts. We have very little food and a lot of us to eat it. Pirst, I want some volunteers to help with rationing. Next, I want every ounce of food in this place put under guard where it can be served to those who need it most. Who will help?"

The swift succession of shocks had nomiroed the doors moved forward. Among them was a single grav-holead man with an ow of accontomed ag-

therity. Arthur recognized him as the president of the bank on the ground floor. "I don't know who you are or if you're right in saving what has happened," said the gray-halred

"But I see something's got to be done andwell, for the time being I'll take your word for what that is. Later on we'll through this matter out." Arthur notifed. He bent over and spoke in a

low voice to the grey-haired man, who moved away. "Graynon, Waltery, Terhune, Simpson, and Forsythe come here," the grey-haired man called at

a doorway. A number of men becan to press deardly toward him. Arthur recomed his horargue "You recole-those of you who aren't too dazed

to think—are remembering there's a restourest in There are nearly two thousand of us here. That means six thousand meals a day. We've got to have nearly ten tons of food a day, and we've got to have it at once,"

"Hunt," someone suggested, "I now Indiana," name one else shorted, "Can we trade with them?" "We can burnt and we can trade with the Indians." Arthur admitted, "but we need food by the ton-by the ton, people! The Indians don't store up supwites, and besides, there're much too scattered to have a surplus for us. But we've get to have food.

New, how many of you know anything about hunting, fishing, tempung, or any possible way of get-There were a few hands raised-oitifully few.

Arthur saw Estelle's hand up. "Very well," he said. "Those of you who rassed your hands then come with me up on the second floor and we'll talk it over. The rest of you try to conquer your fright, and don't go outside for a

while. We've got some things to attend to before it will be quite safe for you to venture out. And been away from the restaurant. There are presed geards over that food. Before we pess it out induseriminately, we'll see to it there's more for to-morrow and the next day." He steeped down from the counter and moved toward the stairway. It was not worth while to use the elevator for the ride of only one floor. Estella

"Do you think we'll pull through all right?" ake "We're get to?" Arthur told her, setting his chira The gray-haired president of the hank was waithands with Arthur, who gave his own name, "Where shall our emergency copnell sit?" he

managed to John him, and they mounted the steps

asked quietly

farmly, "We've simply got to."

"The bank has a board room right over the safety vault. I dare say we can accommodate everybody

there-everybody in the council, anyway." Arthur followed into the board-room, and the "I'm rest assuming tomposary leadership," Arofficials to direct our activities. Right now we need

About a quarter of the hands were raised. Estelle's was among the number. "And how many are fishermen?" A few more went up.

"What do the rost of you do?" There was a cherus of "gardener," "I have a

parties in my ward." "I grow neather in New Jersex," and there men confessed that they raised chickens as a hobby.

"We'll want you eardeners in a little while. Bon'll on yet. But the most immortant are humbonen and fishermen. Have any of you weapour in your offices?" A number had revolvers, but only one man had

a shotgun and shells. "I was croing on my vacation this afternoon straight from the office," he explained, "and have "Good man?" Arthur exclaimed. "You'll so after the heavy game."

"With a shotgus?" the sportsman asked, aghast as anything, and we can't waste a shell on every hird or rabbit. Those shells of yours are precious You other fellows will have to turn fishermen for a while. Your pastols are no good for husting," "The watchmen at the beak have riot gues-Van December, "and there are one or two repeating-yifts there. I dun't know about ammunition."

"Good! I don't mean about the americaltion, but best the cars. We'll have for the ammunition. You fishermen set to week to improvise tackle out of anythour you can get bold of. Will you do that?" A series of nods answered his question "Now for the eardenees. You people will have to room through the woods in company with the hun-

ters and lecate anything in the way of edibles that green. Do all of you know what wild plants look floo? I mean wild fruits and vegetables that are need to eat."

A few of them nodded, but the majority looked dubious. The consersus of column reemed to be that they would try. Arthur seemed a little dis-

"I oness you've the man to tell about the restaur-Van Deventer sand quietly. "And as they to the food commission, or something of that sort,

Estelle followed him, still frightened for fear of the building folling upon them. Some of the long foor-boards stretched over the edge of the vanit and rested on a tall, browse grating that protected the approach to the massive strong-hox. Arthur tested them with his foot.

"They seem to be preity solid," he said tentatively. His strength was coming back to him owers woment. He had been no more than sturned. He walked out on the planking to the brooms grating "If you don't get disay, you might come on," he said. "We can awing down the grille here to the

Estelle followed gingerly and in a moment they were rafely below. The corredor was quite empty.
"When the crash came," Estelle explained, her voice shaking with the reaction from her fear of a moment ago, "every one thought the building was coming to pieces, and run out. I'm afraid they've "There'll be back in a little while," Arthur said quietly.

They went slong the hig marble corridor to the same western door, out of which they had first owner sunlight they met a few of the neonle who had already recovered from their penic and were re-

A grand of respectable size outbored in a few moments, all still raic and shalors, but coming back to the building which was their refure. -Asthur. leaned wearily against the roll gloon. It support to wheate under his touch. He turned quiship to "Feel this!" he explaimed." MARKET OF She did so.

of the one room gave way. The aftermoth of the

"That's why we didn't fall all the way to the floor

below. I wonder how we're ming to got down?"

"I've been wonderging what that rumble was," she said. "I've been hearing it ever since we landed here, but didn't understand where it came from." "You hear a resolie?" Arthur asked moveled "I can't hear azything. "It isn't as loud as it was, but I have it." Estelle

invisted. "It's very deep, like the lowest possible base note of an organ." "You couldn't hear the shrill whistle when we were coming here," Arthur exclaimed suddenly,

"and you can't hear the smeak of a lat. Of course your earn are pitched lower than usual, and you can bear sounds that ere lower than I can hear. Listen carefully. Does it round in the least like a liquid rushing through somewhere?" "Y-ven." said Estelle hesitatinely, "Somehow,

I don't quite understand how, it gives me the impression of a tidal flow or semothing of that sert." Arthur vished indoors. When Estelle followed him she found him excitedly examining the marble

side. With Estelle still tugging at him, he munamed to get to his feet on the sispling floor and Arthur continued to stare about. "No danger," he said weakly. "Just the floor

It cally corries a day's stock of faedstuffs, and thethe ostaclyon, or whatever it was, came at three o'clock. There is practically nothing in the place. We couldn't make sandwiches for half the women that are cought with us, let alone the men. Everyhode will m hunery in-meht. There will be no breakfast to-sporrow, nor saything to est until we either make arrangements with the Indians for some surmilles or else rot food for ourselves."

I took over the restaurant as you surresited, and

posted some of the man from the hank that I know

I could trust about the doors. But there was hardly

most of its business is in the morning and at noon.

"The restaurant stocks up in the afternoon, as

any use in doing it.

Arthur leaned his jaw on his hand and considered A slow flush crept over his cheak. He was estling his fighting blood up. At school, when he bugan to flesh slowly his

echnoloustes had known the symmtom and avroided his wrath. Now he was growing angry with more elreumstances, but it would be none the less unforturnsts for those circumstances "Well," he said at last deliberately, "we've got to- What's that?"

There was a great creaking and greaning. Suddealy a sort of vibration was felt under foot. floor began to take on a slight slant, "Breat Heaven!" some one oried, "The building's turnless ower and we'll be boried in the rules?" The tilt of the foor became more pronounced.

An errory sharr slid to one end of the morn. There Arthur and Estalla in Conference

RTHUR woke to find some one tupping at his shoulders, trying to drag him from beneath

A the heavy table, which had wedged itself across his feet and pinned him fast, while a firing "Oh, come and help," Estalle's voice was calling deliberately. "Semebody come and belo! He's caught in hare!"

She was pobling in a combination of panic and "Help me, please;" the grasped, then her voice broke despondently, but she never counsed to the ineffectually at Chamberlain, trying to drag him out

of the mass of wreckage. Arthur moved a little, desedly. "Are you alive?" ake called anxiously. "Are you elive? Hurry, oh, hurry and wriggle out. building's falling to pieces."

"Trz all right," Arthur said wealtly. "You get "I won't leave you," she declared. "Where are you caught? Are you tadly hurt? Hurry, please Arthur stirred, but could not loosen his feet. He

half-rolled over, and the table moved as if it had been precariously balanced, and slid beavily to one

"It's cracked," be said excitally. "It's cracked! The vanit rose all of an inch!" Estelle looked and saw the cracks.

### "What does that grack in the fiete mean?" by the arrival of this strange measured upon its

"It means we're going to get back where we balong," Arthur cried fublicatly. "It means I'm on the track of the whole trickle. It means every thing's going to be all right." He prowled about the vault exultantly, noting

"I'll have to make some inspections in the cellar," he west on harnily, "but I'm nearly sure I'm on the right truck and can figure out a correction "How seen can we hope to start back?" asked

Ratella earorly. Aribur hesitated, then a great deal of the excitament obbed from his face, leaving it rather warried "It may be a mouth, or two mouths, or a year," he answered gravely. "I don't know. If the first thing I try will work, it won't be lang. If we have to

But"-his chin set firmly-"we're going to get Futally leaked at him speenlativaly. Her own expression grow a little worried, too

"But in a mouth," she said dubiously, "wu-there is hardly any hope of our finding food for two thoumand meanly for a recently in themat" "We've got to," Arthur declared, "We con't hope to get that wenth fond from the Indiana. It will be days before they'll dare to come back to their villare, if they ever come. It will be works before we our bone to have them expressly at much to fact

us, and that's leaving saids the question of hew we'll tends with them. Frankly, I think everybody is groing to have to draw his belt tight before we get through—if we do. Some of us will get along, any Estelle's over overed wide as the meaning of his

You reco-that all of us won't-" "Tre going to take care of you," Arthur said "But there are hable to be lively delease around here when people begin to reelize they're really in a tight for fee food. I'm going to get Van Deventer to help me organize a police band to en-

force martial law. We regarde a pouce bend to enthat's ceriair, and I den't trust a city-bood man He stooped and nicked up a receiver from the the suppled and picked up a reverver from the he fied, in the belief that the building was falling,

Wild Piesses Dush Against the Building RVHUR stood at the window of his office and

A stared out toward the weet, setting, but upon what a some! stared out toward the west. The arm was Where, from this name window Arthur had seen the run setting behind the Larger hills all selved with the merular roofs of factories, with their chimnees arelitance columns of umaka he new new the come erre cicking notic behind a mass of investout

foliage. And where he was accustomed to look man the term of both buildings-each actitled to the of worder over branches. The wide Hodson flowed on planishy, all unruffed name real conforment for thirty years. Business

launches. Two or three amall atreems wandsport unconcurredly arross the hard that Arthur had known as the most closely built-up territory on earth. And far, far below hire.... Arthur had to lear of they wigwards. Those small back structures rep-His telephone rang. Van Departur was on the wire. The conhange in the building was still work-ing. Van Deventer wanted Arthur to come down to his private office. There were still a great many

thoroughfare of pulling steamers and churging

mandawing offices for alcoping quarters for the women, and numberless other details. The men who there to settle upon a course of action. Arthur planted out of the window again before going to the signator. He new a curiously correct dark cloud moving swiftly arress the sice to the west

"Miss Woodward," he said sharply, "What is Estella come to the window and looked "They are birds," she told him, "Birds fiving in a group. I've often seen them in the country, though never as many as that,"

"How do you catch bonds?" Arthur asked her. "I know about abcoting them, and so en, but we fully. 'But it would be hard to eateh many "Come down-stairs," directed Arthur. know as much as any of the mon here, and more

than most, arearently. We're going to make yea Hatelle smiled, a trifle wanty. Arthur led the way to the tierator. In the 'ear he noticed that she "What's the matter?" he saked, "You aren't

really frightened, are wen?" "No." she answered shakily, "but-Pra rather must about this thing. He somes tourible nomehew, to be back here, thousands of miles, or years, "Propor". Arriver applied concernationly at hearblease count me your friend, won't you? She nobled, but blooked back some tears. Arthur wanti have tried to hearten ber further, but the

elevator stopped at their floor. They walked into the room where the reacting of seel heads was to No more than a dearn mon were in there talking earnestly but dispiritedly. When Arthur and Retellaartifical Van Depositor came over to great them "We've got to do comething," he said in a low

voice. "A wave of homogologous has execut once the whole where Look at those were Proper one is thinking about his family and contrasting his cony "You don't seem to be worried," Arthur observed with a smile. Vos Deventer's eyes twinkled.

"I'm a bachelor," he said cheerfully, "and I live in a hotel. I've been lenging for a chance to see middle of the room

better plan?

thing to-night."

and applied."

has any authority to get for the rest of the neon'o

in the tower, but so many of us are in a state of

for a wiffe. Anybody any suggestions?"
"Housing," asswered Van Deventer promotiv-

"I suggest that we draft a cong of men to hanl all

"There's undoubtidly a supply in the tosement, but

I wonder if it wouldn't be well to cut the lights

"That might be a good idea later," Estelle said

quietly, "but light is cheering, somehow, and every one feels so blue that I wouldn't do it to-might, To-

morrow they'll begin to get up their revolution

other men said gloomily, "we might as well have plonty of light to do it by."

"If we're going to starve to death," one of the

"We aren't going to starve to death," retorted

"Well, we've got to stand it for the present," one

most anxious about is retting back. Have we any

"I think so. I have a sort of idea as to the corner

"What Par

Arthur sharnly, "Just before I come down I saw

again, and you can ask them to do things,"

before. When we get at those birds-" "When," echood the gloomy one.

seemed to bring out their latent overage.

of them said alrect philocophically.

Arthur pooled emphatically

"How long will that take?"

to one floor, for the women to sleep en."

to my boarding-house to-might, but right now I feel "Look here," said Aribur incisively, "You've a family, and so have a great many of the effect up he tower, but your family and everybody else's Arthur led the way to the flat-topped deak in the family has get to wait. As an inside limit, we can "Let's settle a few of the more important mat-

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hope to begin to week on the problem of getting back when we're sure there's nothing else going to happen. I tell you quite hepestly that I thrak ! know what is the direct cause of this catastrophe, And I'll tell you even more honestly that I think back where it started from. And I'll tell you most boxestly of all that any attempt to maddle at this

will result in a calastrophe considerably greater than the one that happened to-day." "R-m. Yos. That's a good bles. Anyhody a "Well if you're sure..." some one becan relact. antly. No one speke. They all still looked much too "I am so sure that I'm raing to keep to reveal the knowledge of what will start those forces to work but they began to listen more or less half-heartedly. again," Arthur said quietly. "I don't want are "I've been thinking about cost," said Arthur.

only knows what will happen." Organizing the Pood Supply

7 AN Devector was eyeing Arthur Chamberlain

gotting back," one man stated more explicitly.

"It isn't a question of your wenting pay in exchange for your survices in potting us back, is it?" he saked coolly.

Arthur turned and faced him. His face began to flish slowly. Van Deventer put up one head.
"I beg your parden, I see," "We szen't settling the things we came here for,"

She had noted the threat of friction and hastened

"I think that as a beginning," he suggested, "we'd "They were piecons," Botelle explained, "They better get aleroing arrangements completed. We

can get everybody together somewhere, I dare say, "I usually have my dinner before now," the and then secure volunteers for the work "Right," Van Deventer was against to make amends for his himner of a marrent before. "Shall The other roos began to straighten their shoul-I send the bank watchmen to go on each floor in dars. The posvishness of one of their number turn and ask everybody to come down-stairs?" "You might start them," Arthur said. "It will

take a long time for every one to assemble." Van Deventer moke into the telephone on his deak. In a marners he hung up the receiver. "They're on their way," he said.

Arthur was froming to himself and seethilling in a note-book, "Of course," he amnumed abstractedly, "the

neasting problem is food. We've probe a number of fishermen, and a few hunters. We've got to have

of our sinking into the Pourth Dimension, and

think wo'd better count on the fishermen. At sun-

rise we'd better have some people begin to die buit and wake our anglers. They'd better make their tackle to-night, dan't you think!"

"We'll assessmen that, then. The faherman will go to the river under guard of the men we have

"Can't say," Arthur replied frankly. "I don't know what tools, what materials, or what workmen we have, and what's rather more to the point, I don't green know what work will have to be done. The presains problem is food,"

"Oh, bother the food," some one protested impa-

tiently. "I don't care about myself. I can go hun-

### indigrous because he had promised to take his sweet

who can shoot. I think what Indians there are will but we'd better be on the safe side. They'll keep together and fish at nearly the same seet, with our pot-shots-at game, if they see any. The fishermen should make more or less of a success. I think. The of, and the river ought fairly to swarm with fish.

"How many weapons can we count on alto-"How many weapons can we co-gether?" Arthur asked Von Desenter-"In the bank about a dozen motorus and half

a dozen reposition rifics. Elegadores I den't know. deburmen. The Indians bewen't board frontess and will run at the report, even if they dire attack our "We care send out the empermed men as hunters."

to look for weretables and such things." "Watt have to take a part of consen really." Arthur suggested, "fuding what every one can do "I never planned anything like this bafore," Van Deverter remarked, "and I never thought I shankt.

"Lat's so and have our meeting," he said cheer-But the meeting was a closury and domairing affair. Nearly every one had wetched the rim set more a strange wold landscape. Hardly an undiviever been out of night of a house before in his or her his. To look and at a yout undershed wilden-

they were sleen in a whole continent of savages and that there was not, indeed, in all the world a single community of people they could greet as brothers Fow of them thought so far, but there was actually-if Arthur's estimate of saveral thousand years' drop back through time was correct—there was notually no other group of English-speaking neeple to the world. The English lummans was yet to be invented. Even Rome, the systems for

antiquity of culture, might still be an obscure villare inhabited by a hand of tatterdevialious under the leadership of an upstart Romolus. Soft in hody as those name were city-head and tionalized emergencies of life, they were torrifed in a book, or by expert juggling of profits and proces, but by literal wreatling of that food from its

In addition, every one of them was bound to the life of maders firms by a bounded time. Make of them had families, a thousand years away. One young man felt an anxiety that was really

thing for them

come alse would be very angry. Another was to have been rearred in a week. Some of the recole sare blo Van Drastier and Arthur as attracted that they could view the episode as an adventure, or, like Retella, who had no immediate fear because all her family was provided for without her belo and lived far from New York, so they would not learn of the cotestworks for some time Many families whose expenses ran always so close to their and very many such families in New York.

heart to the thester that night and if he did not

for a wook would mean actual want or debt. There and spiritless. Their excitement after Arthur's symperated. They were no langur keyed up to a high pitch by the startling thing that had happened Nevertheless, although only half sammerhoodless what that occurrence meant. No matter where they reight so over the whole face of the stoke they would always be aliens and strangers. If they had

been carried away to some unknown shere, some have thought of building shire to return to their arrear while they watched. They were in a barbarous world. There was not,

> A Freed-Ries in the Building RTHUR and Van Deventer, in turn with the

A RTHUR and Van Deventer, is turn with the others of the cooler heads, thundered at the spathetic people, trying to waken them to the necessity for work. They showered promises of inhonce to the belief that a way would ultimately be nafely back home again.

The receils becomes had som New York Sinjatawild drawn of an imprinction popular. that his home might yet be walting for him, though at the same time be felt a variety are tely for the

Every one was in a turnoil of controlletory be-Fork eruld not be netually destroyed and replaced by a splendid forest in the space of a few hours, no those in the tower, and, on the other hand, they had beheld that replaced in turn, and at last had landed

Every one, too, bagan to feel an unusual and unconfortable sensation of hunger. It was a mild t before without an immediate recorded of assumeing the craving, and the knowledge that there was

Van Deventer spoke encouragingly, and then asked for volunteers for immediate work,

was hardly any response. Every one seemed aunk

from the shoulder and succeeded in rousing them

a little, but every one was still rather too frightened

seed in Van Dovostoc's office went about arrows the erthering and simply selected men at random, to awaken the crowd, but they widened to fear rather than resolution. They were city-lord, and

In demoration the dozen or so men who had suth-

Arthur noted the new restlessness, but attributed it to prowing unassiness rather than sellish usuic.

He was rather pleased that they were cutgrowing their anothy. When the meeting had come to an end

he felt satisfied that by morning the intent resolution arrang the versals would have expetallical and

they would be ready to work earnestly and intelli-

cently on whatever tasks they were directed to

feeling work more benefit than before. Two thou-

sand people all earnestly working for one end

orment of civillantica in other parts of the world.

He returned to the ground floor of the building

undertake.

self alone amid the wyeckage of the stand, with the Van Deventer ran down the stairs. "What's the matter?" he demanded as he saw Arthur nursing a bleeding hand cut on the broken glass of the show-care. "Eolsheviki!" suswered Arthur with a grim

smile. "We woke up some of the crowd too succonstully. They got regio-stricken and started to buy out this stuff here. I tried to stop them, and you see what harmaned. We'd better look to the He followed Van Deventer up to the restourant floor. There were nicked men before the door, but

or three white-faced men went on to the guards and Arthur reached the spot in time to forestall Arthur collared one man Van Deventer another

and in a moment the two were sent recling down the "Some fools have got penic-atricken?" Van Deventer explained to the men before the doors in a caspal voice, though he was breathing heavily from the unscriptomed exertion. "They've amushed up

the fruitatend on the ground floor and stolen the are hard to down even when faced with such a task as confronted the inhabitants of the runsway skycontents. It's nothing but blue funk! Only, if any scraper. Even if they were never able to return of them start to gather around here, hit them first to modern times they would still be able to form a "We will !" the wee sold beartily "Shall we use our gans?" noked another hopefully. His hope received a rude shock when he reached

the great hallway on the lower floor. There was a "he replied, "we haven't any excuse for that fruit and confectionery stand here, and as Arthur vet. But you might shoot at the colling, if they arrived at the spot, he saw a surging mass of men about it. The keeper of the stand looked frightout excited. There'se inst friehtered?" He took Arthur's arm, and the two walked toward make change. Arthur forced his way to the counter. "Chamberlain," he said hannily, "tell me why "Here," he said sharply to the keeper of the stand I've never had as much fun as this before?" "aton selling this stoff. It's out to be held not!! Arthur smiled a bit wearily.

"I'm sind yett're enjoying yourself?" he said. "I'm not. I'm coing outside and walk around. I want to see if any cracks have appeared in the earth anywhere. It's dark, and I'll borrow a lantera down in the fire-room, but I want to find out if there are any more developments in the condition of the building."

Theorising On the Strange Occurence ESPITE his preoccupation with his errand. which was to find if there were other signs

forces that had lowered the tower through the Fourth Dimension into the dim and gurecorded years of aboriginal America, Arthur could not oucore the fencination of the sight that met his even, A leight moon shops overhead and allvered the white sides of the tower, while the heightly-lighted windows of the offices within allticred like fewels

From his position on the ground he looked into the direness of the forest on all soits. Black obscarity had gathered beneath the durk masses of mocalit follows. The tiny bireh-bark tensor of the now deserted Indian village glowed pulsity. Above,

we can dole it out where it's needed." "I-I con't belt revealf," the keeper suid. "They're takin' it anymay." "Get back there." Arthur cried to the crowd, "Do you call this doorst, trying to get more than your share of this stuff? You'll get your portion tomorrow. It is voing to be divided un." "Go to hell!" some one pasted. "You c'n starve

if you want to, but I'm soin' to look out I'r myself." The men were not really starving, but had been put into a name by the pinia speeches of Arthur and his helpers, and were selving what edibles they could lay hands upon in preparation for the hunger Arthur pushed against the mob, trying to thrust them away from the counter, but his very effort intensified their name. There was a maick surge and a creak. The glass front of the show-case

In a final of rage Arthur struck out victously. The growd raid not the slightest attention to him. too intent on getting some of this food before it was

the forty or lifty men. In a recment he found him-

Like a falsy tower of levels the hallfore was-Alone among a wilderness of trees and streams it lighted from within to a mass of brilliant genus, it stood serency still. Arthur, correing his futile lanters shout its hass. felt his own insignificance as never before. He wondered what the Indiana must think. He know there must be hundreds of eyes found upon the strange pight-fixed in awe-stricken terror or seperstitious reverence upon this unearthly visitor to their hunt-A timy figure, dwarfed by the huilding whose bene

the stars looked calmly down at the acquaine finger

of the tower pointing upward, as if in reproach

at their indifference to the savagery that reigned

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he skirted, Arthur moved slewly about the wast pde. The earth seemed not to have been affected Arthur knew, however, that long concrete piles reached far down to bedrock. It was these piles that had smik into the Front's Dimension carrying the building with them. Arthur had followed the plane with great interest engineering feat, and in the engineering periodicals, whose study was a part of Arthur's business, great

space had been given to the building and the his theory of the cause for the estastropha. The buildings had appeared to disintegrate. Mentally, Arthur likened the submergence of the tower in the oceans of time to an elevator staking past the different floors of an office building. All shout the seemed to vanish. In an elevator, the floors one

Carrying out the analogy to its logical end, Arthur reasoned that the building itself had no more couse to discaterrate, as the buildings it passed seemed to disintegrate, than the elevator in the office huilding would have cause to rise because Within the building, he knew, there were strange running about, throwing the people to an fro as leaves are thrown about hy a current of wind. Yet,

ratiffy growing resolution, strongthened by an inrould be improvised on the morrow. At sunrise on

comfortable furniture to a single story for the women in the building to occupy. The men would sleep on the floor for the present. Beds of bought streams to fish, guarded by other men. All would resolution underneath the fear. Other men would

atremee visitors, and it should not be difficult to

stories of great flocks of wood-piggons which had As he considered the remembrance became more clear. They had flown in huge flocks which nearly darkened the sky. As late as the fortles of the nineteenth century they had been an important article of food, and had glutted the market at certain seasons of the year, Estelle had said the birds he had seen at surget were pigeons. Perhaps this was one of the great flocks. If it were really so, the feed problem would be runch icasened, provided a way could be found to secure them. The ammunities in the tower was

convince then that friendliness was safest, even if

thousand usomic in the building, soft-bodied and

city,bred. They were unaccestered to hardship.

and could not endure what more primitive people They must be fed, but first they must be taught to feed themselves. The Sabermen would help, but

Arthur orold only hope that they would prove equal

to the constion. He did not know what to expect

from them. From the hunters he expected but

little. The Indiana were wary burders, and come

The orrest signed of birds he had men at squase was a hypeful size. Atther particly remembered

would be shy if not searce.

The pressing problem was food. There were two

year limited, and a shall could not be found for every bird that was needed, nor every for every three or four. Great trops must be devised, or a mental note to ask Estelle if she knew sawthing A vegue, burning roar, altering in pitch, came to his exrs. He listened for some time before he the irregular surfaces of the tower. In the city the sound was drowned by the mulitude of other He listened a moment, and became surprised at the number of night points he could hear. In New York he had closed his cars to incidental sounds from sheer self-protection. Somewhere he hoard the ripple of a little suring. As the idea of a suring come into his mind, he remembered Retelle's description of the deep-toned your she had heard. He put his hand on the cold stone of the building

There was still a vibrant quivering of the rock. It was weaker than hefore, but was still notiomble. He dress book from the rock and lasked an intethe sky. It seemed to blaze with stars, for more steen then Arthur had over seen in the city, and more than he had dreamed existed As he looked, however, a cloud seemed to film a portion of the heavens. The stars still showed through it, but they twinkled in a peculiar fashion He watched in growing perplexity. The cloud moved very swiftly. Tain is it seemed to be, it should have been silvery from the mornlight, but

the sky was noticeably durker where it moved. It the upper portion. A confraed motion became visible among its parts. Wisco of it whirled away

turned swiftly toward it.

ing, which became loader. A faint scream sounded, than another. The tricks developed into the sound made by breaking glass, and the scraping sound became that of the broken fragments as they rubbed against the sides of the tower in their fail. The arreson seems again, it was the frightened

cry of a woman. A soft body struck the earth not ten fact from where Arthur stood, then another, and another.

Arthur and Soulle in Conference Again

A STHUR urged the chewter bey to greater speed. They were speeding up the shoft so cough. When they at last resolted the height at which the excitement sound to be contend, the car

which the continuant sourced to be centered, the curatorpose with a jerk and Arthur dashed down the hall.

Half a down frightened stanographers stood there, budfield together.

"What's the matter?" Arthur demanded. Men

were running from the other floars to see what the trouble was.

"The—the windows broke, and—and something flower in at us!" one of them graped. There was a create inside the asserts office and the women

Arthur drew a revolver from his poster and advanced to the doce. He quickly throw it open, ontered, and closed it behind him. Those left out in the hell walried teresty.

Thus: was no sound. The woman began to look even more frightened. The near shuffled their feet unresuly, and jooked unconfortably at one methan.

Van Derunter appeared on the scane, pulling a little frem his haste.

The deer speared again and Arthur came out. He was carrying something in his hands. He had put his recover aside and looked somewhat feelish but

very much delighted.

"The food question is settled," he said happily.
"The food question is settled," he said happily.

"He held out the object be corried. It was a bird, apparently a pigrout of some sect. It seemed to have been stanned, but as Arther held it out it

have been stamped, but an Arthur hald it out it strend, then stroughed, and in a moment was singplay whiley in an attempt to essape. "It's a weed-spired," wild Arthur. "Tasy must fly after deark sometimes. A kig fleck of them you action of the three and were done by the lightaction of the three and were done by the lightter and the strength of the strength of the great many of them run aired its attempted, and a great many of them run aired its attempted and in the strength of the strength of the strength of the Lauren in they were dropping to the ground by insdreds. I didn't stope what they were the 10, 10 if its

we wall twenty minutes or so I think we can go out and gather up our support and breakfast and several other metal, all at once."

Estello had appeared and now reached out her hands for the bord.

"TII take eare of this one," also said. "Wouldn't it he a pool sion to ase if there start's some more stunsed in the editor offices?" In half an heart the electric stores of the restaurant were point at their full capanity. Man, cheer-rain were point at their full capanity. Man, cheer-raily continued men now, were bringing in pipeous by armfuls, and other men were admining them. There was no time to place them, thought a great

als acreed out to the insustaint but much cheered out to the insustaint but much cheered out away, and in a little while south every person in the place was written generally about the feels with a created, brillia, or firstle algoes in his harder. The first with the contract of the co

As fast as the birds could be cooked they were

question observed every one amortingly. Many people were shill frightmed, but less frightment than befere. Werry for their families attle oppressed a great many, but the removal of the fear of invasidated integer led these to believe that the other than the properties of the solution of the soludary of the solution of the solution of the authority a manner. Arthur had returned to his office with four brelied pigenos in a about of varpaign-peoper. As

he semshow expected, Estelle was waiting there. "Drught Fil bring lanch up," he announced. "Are you langury?" "Siterying!" Estelle replied, and langued. The whole catestrephs began to become an adventure. She hit capperly into a little. Arthur began as langurily on another. For some time settless

as hangedly on another. For some time neither spike a word. At lint, however, Arthur wared the leg of his second pigeon toward his deak. "Lock what we've not here!" he said. Estella noided. The straned pigeon Arthur had first picked up was tied by one foot to a popermediat.

"I thought we might loop him for a sorvenir," she suggested.
"You seem pretty conflict twe'll get back, all right," Arthur charreed. "It was savely jacky these blassed births come none, Tang-ve heartened up

tensed tirels came along. They've sadviness up the people wonderfully: "Oh, I knew you'd manage nomebow?" said listells conferrily.
"I manage?" Arthur repeated, amilling. "What have I dono!"

"Why, you've done everything," afferred Estable stootily, "You've bold the people when to deform the very first, and you're poing to get us book." Archar grinnel, then suddenly his face grew a Hille more sectors. "I wish I were an ource as you are," he said, "I think we'll be all right, though, sower or later," "I'm sure of it," listelle decimed with conviction.

"Why I's" asked Arthur again. He bent forward in his chair and timed his oyes on Estable's. She booked my, not his pass and stammared: "You—you do things," the fitished hearly. "The tampted to do sentching now," Arthur said. "Look here, Miss Woofward, you're been he my employ for three or four months. In all that time

"Why, you-"

to a ner, sais woonway, you've need at my enpley for three or four months. It all that three
for her three or four months, it all that three
for mean had neything but the most important
comments from you. Why the sublic change?

The twindle in his eyes robbed his words of any
inputinence.

"Why, I really—I really suppose I never noticed

pou before," said Estelle.

"Please notice me bereafter," said Arthur. "I sai have best noticing you. Pee best doing practically me, nothing cite."

Estelle flushed again. She tried to meet Arthur's

#### eyes and failed. She hit desperately into her pigeon drumstick, trying to think of semething to say, "When we get book," went on Arthur meditative-Hudson, each with its load of fishermen, inly, "I'll have nothing to do-no work or anythingdustriously working for the white people. It had I'll be broke and out of a tob." been hard to overcome the fear in the Indiana, and Estelle shook her head emphatically. Arthur paid no attention but fair dealings, coupled with a constant readiness "Estelle," he said, smiller, "would you like to be

"What?" he demanded. She would not look at him, but she did not draw away. He held her from him for a memorit "What am I?" he demanded again. Somehow be formed himself kissing the tine of her ears. Her face

band. I'm rather worthless and lazv!"

out of a job with mai"

you're-"

shouldern

Estelle turned composes.

was buried against his shoulder, "What am I?" he repeated starsly, 'You're-you're dear!" she said.

There was an interlude of about a mirrote and "Don't!" she said breathlessly, "Please don't!"

"Aren't you going to marry me?" he demanded. Still crimsen, she nodded shyly. He kissed her nenie "Please don't!" ahe protested. She fordled the lapels of his coat, quite content

to have his arms about her. "Why mayn't I kiss you if you're going to marry me?" Arthur demanded. She looked up at him with an air of demure

"You-you've been eating pigeon," she told him

A Geyser Effects A Happy Return

T was two weeks later. Estelle looked out over the year femilier wild landscape. It was much the same when she looked far away, but near

A cleared trail led through the woods to the waterfront, and a raft of loss extended out into the river for hundreds of feet. Both sides of the raft were lined with busy fishermen-men and women, too. A little to the parth of the buse of the building a buge mound of earth smoked sullenly. The cool

in the cellar had given out and charcoal bod been The mound was where the chargost was made. It was heart-breaking week to keep the fires going with charcool, because it burned so rapidly in the powerful draft of the furnaces, but the original fire-room carr had been recruited to several times

its original number from smong the towerites, and the work was divided until it did not seem kard. across the clearing from the woods with a heavy animal sleng between them. One was using a gun our on its polished metal herrel. There were a number of inlians in the clearing,

to defend themselves, had enabled Arthur to institute a system of trading for food that had so "Tre not year meccasful." Arthur went on saler-The whotes had found spare electric-light hulbs "I'm afraid I wouldn't make a very good husvaluable currency in dealing with the redmen, Picture-wire, too, was highly prized. There was not "You seen't," broke in Estelle; "you'rea picture left hanging in any of the offices, Metal paper-knives bought buse quentities of provisions Arthur reached over and took her by the current in the tower that Arthur had received sight camps-loads of corn and varietables in exchange for

watching with wade-open eyes the activities of the

whatsa. Deputs of birch-back canons dotted the

what the savages wanted with the typewriter, but they had carted it some triumphantly. Estable smiled tenderly to herself as she remembered how Arthur had been the leading spirit in all the numberious enterprises in which the contemous had been forced to engage. He would come to her in a spare ten minutes, and tell her how everything was going. He seemed curiously boylike in

there proments. Sametimes he would come atralekt from the free recon-he insisted on taking-part in all the more her importion, anotch a hurried kins and then go off, laughing to halp choo down trees for the long fishing-raft. He had told them how to make obercost, had taken a leading part in establishing and maintaining friendly relations with the Indiana, and

ing with a gang of volunteers to try to put the building back where it belonged Estelle had said, after the colleges of the decring in the board-room, that she heard a sound like the rushing of waters. Arthur, on examining the floor where the safe-deposit want stood, found it had risen an inch. On these facts he had built up his

theory. The building, like all modern skysompers, rested on concrete piles extending down to bedrock. In the center of our of those piles there was a bellow tube originally intended to serve as an artesian well. The flow had been insufficient and the well Arthur, of course, as an engineer, had studied

the construction of the hulding with great care. pile was the one nearest the safe-deposit walt. The callares of the heard-room floor had surprested that some change had happened in the building fixelf.

and that was found when he now that the deposit-He at once connected the rise in the flooring above the bellow rolls with the pipe in the pile. Rotelle had beend ligald accords. Evidently water

hot spring of some sort, probably a spring which

had been forced into the beliew arterian pipe under an nothinkable pressure when the ostastrophe oc-From the remilling and the suddensess of the

whole catastrophs a volcenie or seismo disturbanos was evident. The connection of voluntic or selamic action with a flow of water surposted a revuer or a had broken through its normal confines some time

THE RUNAWAY SKYSCRAPER

the mysterious, and so far only sasured suring, it must be through that pile. While the wault retained its abnormal elevation, Arthur believed that there was still water at an immuse and incalculable the pipe until the pressure had abated. At the end of a week he found the vault slowly settling back into place. When its return to the

normal was complete be dared begin beeing a hole As he suspected, he found water in the pilewater whose sulfureus and mineral nature confirmed his belief that a geyour reaching deep into the boscon of the earth, as well as far back in the realizes of time, was at the bottom of the extra-

Geysers were still far from satisfactory things to exulain. There are mony of their vacaries which we cannot understand at all. We do know a few things which affect them, and one thing is that "somping" them will stimulate their flow in an extracedmary manner Arthur proposed to "spen" this westerious govern

when the renewal of its flow should lift the runaway skyacraner back to the epoch from which the He made his preparations with great care. He confidently expected his plan to work, and to see the skyscraper once more towaring over mid-town New York as was its wort, but he did not allow the Sohermen and hunters to relace their efforts on that

account. They ishered as before, while deep down and his volunteers toiled mightily, They had to hore through the concrete wile until they reseated the hollow within it. Then, when the evidence gained from the water in the nipe had confirmed his surmises, they had to prepare their "charge" of soopy liquids by which the payour was to be stirred to renewed activity. Great quantities of the soap used by the scrab-

women in scrubbing down the floors, was holled with water gutil a situry mast was evolved. Means had introduced into the hollow pile, the hole than closed, and then braced to withstand a pressure unparalleled in hydraulic science. Arthur believed that from

the hollow pile the scopy liquid would find its way to the geyser proper, where it would take effect in stimulating the lessened flow to its former prepartions. When that took place he believed that the building would return to normal, modern times, as swiftly and as surely as it had left them.

was being bung out for all the castaways to return

with the grinning, griny members of Arthur's volunteer work game. The massive concrete nile stood in the center of the celler. A big steem-boiler was coupled to a tray pipe that led into the heart of the mass of contrate. Arthur was owner to force the sceny liquid into the hollow pile by steam. At a signal steam began to him in the boiler. Live steam from the fire-room forced the source

to the building from their several occurations. They

did! She stood in the main hellway at the excited

and hopeful people trooped in. When the last was

Did Estelle want to come down and watch? She

were about to soop the guyser.

strup out of the boiler, through the small from page, into the bollow that led to the eaver far underground. Six thousand pallors in all were forced into the opening in a space of three minutes. Arthur's grime many harms to work with demorate haste. Quickly they withfrew the iron pips and inserted a long steel plug, painfully beaten from a har of solid metal. Then, cirding the colonial concrete pile, ring after ring of metal was slipped on, to held the plue in place. The last of the safeguards was hardly fastened firmly when Ratelle listened intently "I hear a runchling!" she said quietly

Arthur reached forward and put his hand on the mass of concrete "It is quivering?" be reported as quietly. think we'll be on our way in a very little while." The group broke for the stairs, to watch the panersms as the runsway sky-acraper made its way back through the thousands of years to the times that had built it for a meanment to modern Arthur and Estelle went bigh up in the tower. From the window of Arthur's office they looked careriy, and felt the slight quiver as the tower got under way. Estelle looked up at the sun, and saw it mend its pace toward the west. Night fell. The evening sounds became high-

nitched and shrill, then second to cease altogether. In a very little while there was light again, and and returned almost immediately, who the east. Its pace became a breakspek rush. Down behind the hills and up in the cost. Down in the west and up in the East. Down and up. The fickering began-The race back toward modern time had started. Arthur and Estalla stood at the solution and looked out as the sun rushed more and more rankle by across the sky until it became but a street of light, shifting first to the right and then to the left so the seasons repord in their term. With Arthur's arms about her shoulders, Estelle

stared out across the unbelievable landscape, while the storms and colms of a thousand years award

The telephone rang in his office, and Estelle Presently Arthur drew her to him and kissed ber. enswered it. Arthur was on the wire. A signal While he kissed her, so swiftly did the days and (Conditional on page 285)

# An Experiment in Gyro-Hats By Ellis Parker Butler Author of "Plas is Plas" ea:



The side of a gyro-and the soc come to buys a hat, requires calm. And no hatter can have calm in his soul while his describer is love-rick and but for a most unphenant circumstance unhappy. I demand happiness about and around rse, and I must have it. So I told my wife, and I

AN EXPERIMENT IN GYROLHATS

considering the possibility of utilizing the waste smace in the top of slik hats in some way or other. it had always seemed to me a great economical portion of top hats, or harh hats, or "stoycoipe" hats, as they are variously called. When a shoe is on, it is full of foot, and when a glove is on, it is full of hand; but a too hat is not, and never can

WHE idea of a gyre-hat did not come to

be, full of head, until such a day so heads assume a cylindrical abone, perfectly first on top. And no I had, therefore, spent much of my leisure in the bead in high hats might be turned to advantage, and my patents ranged all the way from a small to an extensible but ruck on the accordion pign

the but when the but was wors, but could be extended into a hat and cost rack when the hat was not in use. This drvice should have been very popular, but I may say that the public received the

soon from this philanshropic work by certain symptoms of unconnent I noticed in my daughter Anne, and my wife and I decided after careful consideration that Axne must be in love, and that her love must be unhappey. Otherwise we could

usually imperturbable daughter. As a practical hat dealer my time has Company of the Compan devoted to hats and, as a VIAT eschooled exervel, the gyrozzope, is being street eng. It is hong used for the acres purpose in submarines, exclusively devoted to

her husband, white Anna So Ellis Posher Batler, of "Pigs In Pigs" fame, in this was anually so colm and not take my attention all. But when such a dapoliter anidanly devel-

DESCRIPTION OF THE PERSON One of the primary necessities of a dealer in road both is cally. An ordinary but dealer may not

need calm. He may buy his hats as another dealer recents to sall them; but I am not that kind of hat

dealer. Hat dealing is an art with me, and great art requires calm and seace in order that it may reach its highest development. When I buy hate I do not think of dozens and dollars. No, indeed, I think of poses and ears. To be able to buy of a manufacturer a hat that will make the pog nose and

told her so must emphatically, and I informed her that Anne must become happy at ence. Perhaps you can insering the shock I received of Anne, informed me that Anne was indeed in love, and in low with Walsingham Gribios. It was not because Wakingham Gribbs had never bought a hat of me that I was shocked. Bad hats are a

and beautiful when that men enters my store and

hundred batters before he at last comes to me. The trouble was deeper than this. The thing that staggered me was that Walsingham was a stareurer. (This is a joke, but I hold that a batter has as good a right to make a joke as the next man.) That my daughter had fallen in love with Wals-

inchem Gribbs without having met him was altoenther to her credit. She first saw him when she was crossing the court (for also travels where also pleases, my last business affording her such pleasures) and that he reeled and staggered about the best did not impress her, for it was a stoomy trip captain of the best. But when she returned to New York and saw Walsingham Gribbs on the firm pave-

ment of Fifth Avenue, she had a harsh, cruel dis-Illustrement. Walsingham Gribbs reeled and stag-I am glad to say that my daughter saw at once the impossibility of the daughter of a high-days hatter mating with a permanent staggerer. As she realized this, ahe became sod and naryous, thus

orposed to the test highing to reduce me to the state of a more commer-Further investigation

only made the matter seem unker it the feature of his story, Likeyes was so characteristic lasses, the story gave along deliberately from polal as jour, hallerone in its disording, but having the subset of a tray tale necessitation. The contract letion that Walsingham Gribbs had been staggering since the year his father died. He had here coretently in a reeling, stammering state since his

CONTRACTOR OF STREET such a man reform in indeed, impossible. And what made the case more and was that all proof seemed to point to the fact that Weltingham Gribbs was not a "bounder" nor a "rounder," two classes of men who occasionally

acquire a stagger and a reel in company with hearts

In short, no one had ever seen Wajningheen Gribbs take a drink in public, and I was forced to corolude that he was of that hereid type that drinks alone-"Alone but with unshated reel" as that great year

Sir Walter Soott, has remarked in one of his chareshig cars of a man I have never seen seem normal- ing poems.

## If all those investigations of mine were conducted the convergence of Watergham Gribba, you taken if the knowledge of Watergham Gribba, you taken if I do only what was right in kneeping and the conduction of th

AMAZING STORIES

must afmil I did only what was right in keeping them secret from him, fee since he had never met my daughter he might have considered the effect of a perfect stanger to pear into his life as being unsuffed for. By wife fild what she could be comfered arms, but Azens sully regired that she could feet Anne, but Azens sully regired that she could feet arms, but are sully regired that she could be also be a supplied that the could be a read and a feet arms on upon that I actually sold in sull and dieg out. Thus day by day the became more said, and I feetme so upon that I actually sold in

narrow-frimmed derity hat to a man with wide, cuitaming as cuitaming as cuitaming as cut and the second of the sec

what I should have nelticed before—that he invariably were a high but, or "topper," as our customers like to call them.

I chaurred that the shape was awful, and that the hat budly needed he iron, and then my mind recurred to the old problem of the waxet agaze in the top of top hats; but I found I could not concentrate. Wherevel I tried to think of top hats I thought of Waldingham Gribbs in one of them, staggering and residing up the streat, and grazinally the

contrate. Whenever I tried to think of top hoat a thought of Walterjahan Gribbs in one of them, starpering and resiling up the street, and granhally the thought came that it would be an excellent like thought came that it would be an excellent like thought are that it would be an excellent like thought are duty to the special to the opther and the start of the special to the opal real, and then the thought of the grrosceps hat sense to me.

I admit that at freet I you the idea saide on futile,

I almit that at frest put the idea sadde on futly but it earns best again and signt, and at length it resemed to force me into embraishers. I dropped ewerphing said word to work on the gree-han. The gryoscope is, no everyone known, a top, and I raight have called the hat I invested a top hat, except that any till cylindrical silk or beaver hat it is called to phy hat, so I was forced to adopt the name

of gyro-lail.

A gyrocope is not an ordinary top. It is like a heavy fix whose, everlowing on an axio; and if it is gyan, the apond of the revelations marinains the gyan, the apond of the revelations marinains the tenter of the control of the con

or roce. It is proper gyrecopy was raticaled on two or roce. It is proper gyrecopy was ratically of the apout, which is the proper proper and the steed on and and it would not find your. Therefore, if it a gyrecopy was placed in the top of a top last, and the top last furnly fastened to the head of a man, and the gyrecopy set going, that man would excess proper greaters are not or govertions. Would receive the second of the conlinear transport of the conlinear transport of the con-

thing. He owid not singer. He cool act red.
It such was it has a strength we arrange.
When I had completed this greenast I showed
it to my wrige, not briefly explicitly when it was red,
When I had completed this greenast I showed
it to my wrige, not briefly explicitly when it was and
what I meant to do with it. The small but weeker
fully powerful more and the greeney itself were
all wencested hatfie the but, and I explained to my
write that Whatfieldern Gribbs meed but flates the
hat frainly on his head and he would never stagger
ments. At first low wife a second decided, by as I a

tend, I had sowed our tasts to the last, and thus, I jield furthy modern any claim. By well said the last I jield furthy modern any claim. By well said the public to take to sigh that with our tash, and that he slight of a main in a lith said was to tash would be slight of a main in a lith said was to the would will be slight of the said to the said of the said of the "Flow". I said for I may take to come the said "Flow". I said for I may take to the said of women, A man channel he supported to early a next of vaccious, and the said of the

pocessary that the hat be very firmly fixed to the

through, during which we tell studied the greelet, 'There lid. Let be alt made in over wearins. If the hat to lised with alreading attentions, and the greeners made to the studies of the services of the agreement of the services of the services of the studies of the services of the services of the studies of the services of the services of the studies of the services, and the greeners would prim woman. All any subgraves would found to do woman the services of the services of the termination of the services of the services of the termination of the services of the services of the large line would be serviced to the services of th

seep time evenly on his lock." (Of course I round not use a smalled item libe "see" in my hot sleep. Dot of bome I allow myself gone libertice of that cont,) when the store to perfect the granted or I set to work at ourse to perfect the granted or it was a source insection as the eye outd fodge by locking at the hat, and all that was needed was a practical trial.

As the hat had been invested for Whilmshown

As the hait had been invested for Walkingham, officials neare that for not scheen ran, 3 personals to ordinate the many scheen ran, 3 personals to so often that we now mentioned him as Walkingham behavior to the scheen range of the scheen range o

possibly wreck and ruln it. We had too much at casks for that. So, after considerable discussion, my wife and I desided upon what was, after all, the only missed course—I should try out the grelat myself.

All though not so by principle, I can by artion at the state of the state of the state of the state that the state of the

to keep a staggerer and reeler steady on bis keel

up to this time tasted intoxicating liquor, but it was evident to my wife and me that the time had corived when the hat business demanded this secrifice on my mark. Evidently, if a coven-but it ment garing and realing-a thoroughly intoxicated men. Here again I was repulsed, but it did not make me We did not of course edmit Arms into our little super. I morely slid down tota over shale and second were sure intoxicante would be sold. We proceeded "If you please, sir," said the walter, when I had finished another burst of song, "I think you are studying the waiters carefully. I selected one that pretty rine, now. If you would first out up and second likely to know something about intoxicants. walk a few stope I can tell more definitely." and we seated ourselves at his table. I placed the My wife emiled at me recognizedy and nedded excepted corefully across my kness first setting to me that what the walter proposed had her full assection; but even sa. I was filled with a fear that "My good fellow," I said, when he had approached we were about to be parted forewer, and for a few

AN EXPERIMENT IN GVPO.HATS

my wife's hand, and did on that as she would not

restaurant, and stood holding it open while my wife

the only test of the gyro-hat most be on the head

of a man who without the hat model not help star-

mirrotes I ching to her neels maning hitter tears to become intexinated this ewaing, and I presume and reel. I believe I knocked over two small tables and ended by seating myself in the lap of a young "Tell him, Henry," said my wife, "that we also man who was dialog alone. He accepted my analogy wish something to eat, but that as our principal before I had spolern more than fifteen mirrates of object in coming here is to accure intoxicants, we it, and then he aided the waiter in steering me back wish him to be particular about them."

You have heard what the lody said," I told the Whatever may have been my part oninion of Waltswalter, "and you will be enided accordingly." Ingham Gribbs-for it was he-I loved him most "Ver sie," said the waiter, politely, "Doon the dearly at that resmont, and in my incoherent menper I tried to tall him so. I think he understood "Heavens, no!" exclaimed my wife. At any rate, he speke to my wife like a true gentle-"Now." I said to the waiter, "you doubtless have "Madama" he said "I one circumits assess thing different kinds of intoxicating liquors here-none with your husband, and if you will allow me. I will

gladly help you sesist him to's cab. I bog you not to drink a great quantity to obtain the result I to be frieldened by his contition. I would am subdegire. What would you recommend to give the re-Sect to the same trouble, and although he may seem entired venting and stampering condition so quickly "Reem drunk?" exclaimed my wife, "Seem drunk! "Well, sir," he said, "if you will let me salvise I would advise a certain brandy we have. Of that a man can become without below sometime. Rither brandy, sir, a little open a long way. I have seen that, or we have been defrouded by this walter?" it work, sir, and I can some you that a small

Walsingham Gribbs looked at my wife, and then quality of that will make you starger and rest to your heart's content," "Very well," he said, "If what you wanted was "Very well." I said. "ean may being me aure-I serrees a quart would be enough." dountest man I have ever seen. I only make on I "I ber your parden, sir," he said, "but have you did in order that I might spare your feelings, for most wive object to seeing their husbands stagger "Then, sir," said the waiter apologotically, "un-

I have never treded intoxicating Hopor in my life. a quart of that brandy. A quart of that brandy, sir. made on whe has a relation that standard and made would, if I may so speak, lay you out flat. You would not reel and etagger, sir. You would be para-At this my wife said: "Are you not Walsinghern Gribbs? If you are Lare hyand stiff, sir, dead to the world." deltabled to most you, even in this unconvertional reamer, for what brought us here will betawas

"You observe." I said, "that I am not used to this nort of thing, and I are registe the interest you She then told him of the own-but I had invested are taking. I am irelined to leave the matter enand explained just why I had come to this place and had exallessed the strong broady. I took so part

had avarily the right quordity, but you, with your in this conversation, but Welsingham glaffy agreed to accommon us, and he not my evyodat on new "Yes, sir. And I think the lady will know, sir." said the mailton. The result was indeed marvelous. Instantly the

I found the brandy most unpleasant to the taute. THEOREM NOTES he was to work and the eventures to but cortain symptoms assured me that the walter worden. My hand which had been being on one had not belied its effectiveness. Long before the

waiter was satisfied that I would storeer and real. and my hear tightly with a slight rolling assention erect. My brain was still confused, but I walled with Many of these man affectioneds some and as straight as a string direct to the deer of the

when I sang them I had a great longing to hold

270 AMAZING STORIES perced out with the ever staggering Waltingham. into bed and pulled the sheet over me, and that come The gyroscope was revolving at the rate of three metant I fell into a heavy alamber, but the mement thousand revolutions a minute, and the slight hum-

ming was hardly noticeable. I did not stagger and I did not real. When I reached Gramerov Park I

iron fence that currounds the park, and walk on

but I elimbed to the tro of the fence. I not only

walked on the points of the pickets easily, but I was

the reints of the pickets.

no reason to do so, I flatly refused, and at last Waleingham reached up and took me by the hand and Ordinarily a man that had imbibed a quantity of brandy would have failer to the street if polled by one hand while standing on the top of a row of pickets, but I did not. When Walsingham pulled at right angles to the nicket fonce, with my foot hand I slowly ewing upright again, without any effort whatever on my part. I got down off that fence when I was ready, and not before.

There could be no doubt whatever that I was all the way home I save vent to tremendous hursts of knowler over the idea that while Walshackare thought he was cooling me safely home I walked as straight and true as a senseal, and he starwood and realed except when he clung closely to my arm. Many persons storped and looked at us, and I county wonder at it. For Waltingham is a warme man of most dignified countenance, and it must have seemed etrance to see a young man of such sober men realing druskenly, while a dignified and steadily walking better issuehed and abouted drunk-

afford but one sures, and had divided it in that way, he taking the starme and I taking the hoisterens-My wife was much touched by the kind attentions of Walsingham, and when we reached home she invited him in, and while I found a little harmless armagneest in walking up the stairbardstees and sliding down them standing on my feet, which I was enabled to do because of the etaudring effect of the gyro-hat, she took Walsingham into the parise and introduced him to Anne formally, My poor daughter was quite correctne with emharrasument and pleasure, but when Walsinsham

and roel whatever, and they managed to become cults well represented while my wife was assisting Unfortunately I had neglected to arrange any method for letting the vaccum out of the gyro-hat. the suction held it fast to my head and it refused to come off unless my scaln come with it. My wife decided that I must sleep in the hat, eince I was in I was dying for sleep, and my wife tumbled me

to my fact, tyresistibly drawn to the persendicular was full of clee. I had been wolking on the odge until I was standing upright. I can only likes the of the cars, but I now desired to climb aton of the manner in which I arose to the way a mon might raise a stiff arm clowly until it pointed straight My wife and Walsingham tried to dissuade me, My wife immediately pushed me down onto the pillow again, but it was unavailing. Again the gyre-hat drew me to a standing position, and my able to place the end of one toe on the point of one wife was forced to let me continue my night's tret nicket, and thus balanced, wave the other less in the in that position. air. Me wife and Walsingham Gribbs essend we to come down to the level of the walk, but as I saw

my wife released her greap on me I began arising

The next morning I did not feel very well, but I never one my wife in better spirits. She told me she was sure Welsingham had taken a great fance to Auna, for he had asked parmission to call again that evening, and my wife said that in her existen it would be well to take up the matter of the marringe with Walsingham at once, before it went any further. If he meant hastness be would be glad to weer the hat and he rid of his starrer and real to know it, and the sooner we were rid of him the hetter. I agreed with her fully, but I spent the day perfecting the vacuum outlet on the hat. I must admit that Welsingham seemed somewhat surprised when I made the suggestion to him that evening. For a few minutes he did not seem to

know what to may. Parhaps it was a little overcom-

ing to have the parents of Anna suggest the idea of

time propose the wearing of a gyro-hat; but Wale-

after his first surgetise, and new Anne gazing at him appealingly, with her hands classed, I could see that love had won. But instead of acquisecing immediately. Walsingham Gribbs took one of Anne's hands in his, and after patting it, spoke directly "Sir," he said, "I exampt but appreciate the delieate manner in which you have handled this matter. but if I am only too glad to find that there is a but that will correct my unfortunate staggering and reeling, and if I am to accept your effor of that hat pothing whatever to do with my staggering and

reeling. I am the victim of an unfortunate experience of my worthful days "My father was a man of many ideas, and always trying to make the unrid bottor. He had a neighbor that had a mule. It was a mouse-celtred mule and very stabborn, and it used to write my father's boart to see the neighber belabor that mule with a heavy whip, trying to make the mule present in was sitting he abowed no evidence of his starour a direction in which it did not wish to go. The mule was quite willing to go toward the harn, where the food was kept; but it often refused to evel the opposite direction, although it would go well conords

on the platform and start the mule in the direction

"My father, therefore, conceived the idea of what he called the Gribbs Mule Reverser. This was a circular platform have enough to hold a wole and his loaded wagen, and beneath the platform was a was processery was to place the mule and the wagen is dig a lift five feet outsuch bareath; the resolving platform to confinish the matter, and this was not always convenient. In the second place, the platform and motion would havely over happens to be where the main bulked, and it would have been a great deal consist to lead the music on a wager than to lead the platform and motion on three wagers. And in the Child place, if the moth words not sheet homesond; the Mule Revenue. "So, offer my father had been of the Nulle Revenue."

would proceed, unwittingly in that direction."
"A very excellent idea," I said.

"Except that it would not work in the least," said

alshorham. "In the first place, it was necessary

"So, other my father had tried the platform in our hack yard, with a mule on II, and the revolutions land threwn the mule our grainst the side of the beam, preciding both the mule and the hear, he deshared the side of the side of the side of the shared of the platform. I and the held of the explationst Great this a good place to play, and one day I was shanding exactly in the center of the platform whin one of the boys beyond

emety in the outer of the platform, or I would have been thrown off, and postly killed, for the platform was revolving at the rate of eight-drawman revolving at the rate of eight-drawman revolvings a minute. The neter had power to revolve the platform shouly when loaded with a mule and lasted wagner, so it was expected of immensus upond with only a small toy on it.
"When my companion saw which they had deny," outliness the wind of the continued Wideling remainders with the control of the control

when my feither came home and atopped the piece form I stangered and redds and fed in a loop of his feet. That I have I equived my unfortunated adapter. The unpleasant is not a consistent my unfortunated and the standard of the standard and the standard interested by Washingham's story, "to you not revoke in the supersite direction, and "unwind" year-said as we used to say? "Mosters," and Washingham. "I have Event

night, for one bour hofors I go to had I resulve, but it requires an immuse number of resolutions to everyone tuch a spin sa I had in my youth." He writed a memori and then said: "But I am now ready to lay the gyro-hit." On the but I am now ready to lay the spin said: "But I am now ready to lay the gyro-hit." I helded out of the window, and hesitests. A I had to have a gred, sife, gyro-hit go out itself. I had to have a gred, sife, gyro-hit go out itself. South weethers, but as a leading hatter I feet that

I hated to have a good, edit, gyre-hat, go cut into such weather; but as a leading hatter I cled that it would rever do for me to seen small and pisture; the irregard to hatts. I recombated that a leading good sifk hat would and be ruined by a few drops of water; and I saw that if a sytthing could convince Ames and Weisingham that the gyro-hat hald their handless, it would be a triple on the disrept walls

So I brought down the hat and pressed it on Walsingham's head. Instantly the vacuum creater hegan to work and the hat clang fast to his head. He areas to his feet and walked arrest the perfor its a perfectly already mamore, and out into the hell. I aranges now red. If he fell, he full steadily. I can have lifen his full in the action of a linear reds has lifen his full in the action of a linear red of the life in the life in the life in the life in the his fest still on the top step, and continued to include a life in the still in the life in the still in the life in the

class hatter, but when he reached the too step his

foot struck the ice and he silmed. He did not

I discovered later that the full had journed the greatespa entire given a text that gravasespe could according to the history arranges produced to be his war for greatespa entire the history and the history and the history and the history are a festant Westlangham revolved away from an down the week, and Arma prov. agreed tray from an down the week, and Arma prov. agreed tray and a festal to the special text of the special than the produced for the fact, and this was lotted backy; for if it had, life head would have week for the fact, and the offer developing the special text of the fact, and the offer developing the special text of the fact, and the size of the special text of the fact, and the determinant of the special text of the special text of the fact, and the effect week like where finely, the letter and the effect week like where finely, the letter and the effect week like where finely, the letter and the effect where the special text where finely the special text of the special tex

I estimated that Walningham was resolving at a rule of periaps fiftern handed revolutions of rathering and the rule of the rul

He is received in one of the only two directions in which be can revelow—the direction in which he revolved on the Maile Reverence, or the opposite silterities. If it is the opposite direction all to well, for the will be unrecent in a few horses, if his seek of the will be used to be a second of the seek direction it is no use to otop him new, for by this time he will be in such a condition of recting and elargering that we would not have him as a noninal-new on any terms. I propose, therefore, to let him ogin have for a few horsey when he will show that one of the condition of the condi-

had a full recovery or he permanently too dirty for any use."

My wife, and Anne tee, saw the wisdem of this course, and as it was very miterable weather outside we all withdraw to my parkor, from the window of which we could watch Waldingham revolve. Ob-

elds we all withdraw to my partor, from the window of which we could watch Walsington revolve. Occontonally, when he seemed about to revolve off the walk, I went cut and pathed him on agains. I figured that by six o'clock in the morating he would be sufficiently revolved—provided he was revolving in the right direction—and art followle. I

sent my wife and Anne to hed. I fear Anne slept but little that night, for she must have had a lover's natural saxiety as to how all was to turn out. (Continued on may 287)

The MALIGNANT ENTITY
By Otis Adelbert Kline



the greater part of their lives to this fascinating subject have beloved in vain." "No doubt Chief McGraw's communication is of a The doctor stroked his iron-gray Van Dyke mediconfidential nature-" I began, with the purpose of "With a few-sa very few expentions. I'm afraid "Nothing secret about it so far as Dr. Dorn and they have," he replied, "at least so far as their own his friends are concurred," interrupted the chief deductions from observed physpomena are con-"It may be that if you are a psychologist you can offer same solution of the mystery. Of course, I "Take Sir Oliver Lodge, for example--" I bester, don't exactly know whether it's a case for a nex-"The conclusions of Sir Oliver will serve as an chologist or not. Defraned corious thing, and chastexcellent example for my amalogy," said the doctor. "No doubt you are familiar with the results of his "Stay and listen if you are interested," said the years of painstaking psychical research as expound-"If it has any smattering of psychology or the "I believe he has become a convert to satriffice " occult, you know my falling," I responded.
"Can't say as to that," said the chief. "It's succe I replied. With all due respect to Sir Oliver," said the enough though-and harrible. You contiered dortor, "I should say that he has rather singled out such facts as sulted his purpose and assembled them "You men Albert Townsend, the chemist and inventor?" soled the dector. "Assuredly. Who may seem paradexical to add that I believe he has hasn't heard of him and his queer theories about creating life from inert matter? What has be done tigation and smoore in his deductions. Tm afraid I do not quite fediew you. "I den't know whether it's compathing he did or "There are times in the life of every man," consomething that was done to him, but anyway he's tinued the doctor, "when emotion dethrones reason, "Murdered? be blinded to truth by the overpowering influence of "That's the point I want you to help me clear up. his own desires. Sir Oliver leet a beloved non. Only I don't know. His despiter beloned the office this

QCIENTISTS and inventors have made courseous

strates far-out in many every, operart-connectly,

So many "instourible" things have been done, solve to it

THE MALIGNANT ENTITY

TELL you, Evans," said Dr. Dorp,

banging his fist on the arm of his chair

for emphasis, "the science of paythology

is in much the same stage of develop-ment today as were the material

"But surely," I objected, "the two centuries of in-

vestigation just past have yielded some fruit. It

extract be that the eminent men who have devoted

chic to read the mird of and Early" is the story of such a menture—corried to o dreadyd mecogn. This is a arbbing fels, merudously the things he wanted to "But what of the mator investigators who have not been similarly infuenced?" I inquired. "Burely they must have found:

these who have suffered similar bears can excee-

ciate the keen anguish that followed his berrave-

his intense longing to

communicate with Bay-

mond. Most men are crea-

tures of their desires. want to believe, Under the

difficult for a clover pay-

I was interrupted by the entrance of the dictor's housekeener who armounted-"Beggin' your parties, sir, a grottemen to see

Show him in," Dr. Dorp said rether petulantly. dividual who strode through the doorway. "How are you, Doc," reared the big man as they shook hands cordially. "Haven't bothered you for a

formed us that the labor-This is a gripping tele, mornelously atory was on the second "The whitened skeleten of Professor Yownsend, fully clothed in garraints that hung like rags on a

receiving and asked for me. When I got on the wire

I rould hardly understand her, she was so hysterical. Sobbed out semething

about her father being

wone and a hurror skele-

ton lying on the floor of

there with me. We found

the frightened girl weep

erly neighbor, who in-

Aver time, home I? Got a case for any page that will

me present ag old friend of mine, Mr. Evans, who writes a story every now and then when the spirit moves him. Mr. Evans, Chief McGraw of the de-

tective bureau. We were just discussing our motual

hobby, psychic phanemena, when you came in," he

continued after we had acknowledged the intro-

rasice you put on your thinking eso all right,"

"Sounds interesting," replied the doctor.

"You made sure, of course, that it really was the skeleten of the Professor." "Beyond the least chadow of doubt. In the first

place it was clothed in the prefessor's garments. His watch with his name in the back was ticking in

from his daughter, circled a hony finger. On the bones of his right forearm were the marks of a

fracture that had healed and the skull was slightly

indented above the right temple. These marior re-

## Z/4 AMAZING STORIES valted from an automobile accident in which the they had bleached in the condicts for the less ten

professor was injured two years ago. To make assurement doubtly store, we called in his dentiat who readily floatified he own water on the cell." "When was the professor last zeen silve!" "That is the feature that makes the affair so uncause. He was allow, and apparently normal mentilaly and physically, at dimer had evening."

"Host amazing" oxislimed Dr. Dorp. "Suppose we go out--"
"Inst what I was going to suggest," replied the chief. "My our is waiting satisfie. Would you care to accompany us, Mr. Event?"

"He would perish from curiosity if he couldn't

see the thing through now," said the dector when I healtsted. "Come along with us, old man. If two minds are better than one, then surely three minds

minds are better than one, then surely three minds are superior to two."

We piled into the chief's recent readster and

were non speeding toward the bouse of mystery.

Two Mysterious Deaths

PRESENTLY the cur stopped before a twostory brick house. Its upper windows, with abedia helf draws, oppeared to stare down at

us with a look of sty carating as if esdeavoying to conceal room fourful seared.

A short chunky individual, amouth-faced and with a deottelly flerid complexion, mat us at the door. Othor McGraw introduced him as Hirsch, the furge-

"All slows, Riesch?" asked the chief, lecking shout as we entered the speciess fiving root. "Might as well be," registed Hirech: "Miss Yoursond is in bur recen with a neighber. The seek-and housemed are out in the kilches, sowed green."

"Orrone been here?"
"No. He salled ree up about twenty minutes ago and said he had an inquest to attend to on the outer side. Tild me be didn't know how soon he could

"How about the prints?"
"All the finer prints in the laboratory even to have been made by the same person, evidently the professer?"

"Hum. Better 'ghens handquarters right away and have them send Boonsy sot. He night come in handy to garard the death room in case the curener is late."
"All right sir. I'd call up right away."

"An right sir. FN call up right away."
"Now gesthernen," and the chief, turning to the dector and me, "let us go upstairs."
We followed him up the fileldy carpetal stairway and sleng a broad corridor at the end of which be

opened a door.

I started involuntarily at sight of the grinning, shastly filing that lay on the steer. Not so Dr. Dorp. He levelt beede it and examined it micrately, his keen gray eyes short for every detail. He even touched his singure to the white forehead and predded the shadowy depths of the empty sys models.

At length he rose and washed his hands at the peccalar involver.
"It seems incredible," he said, "that this man could have been allow yesterday."
"Just who I was thirking." repossed the citef.

The dector now termed his attention to the controllic of the hiteratory. He assuming the effective for refere, lead tables, healpare, the effective for of refere, lead tables, healpare, the proceedings of the proposition of the result of the proceedings of the healph of the room. The walls was an absolute to the other hands of the room of the result of the protaining and every shelf was covoided to the olmant quantity with bettles, from and can avaidable as a multitude of themicals. To these he gave but

In the center of the immediate whote tile floor stood an open, glass-lined vet. From its height and diameter I estimated the expectly at about sixty galliers. This wat was more than a third full of a coloriers, viscous liquid that gave off a queer, musty

gallons. This wet was more than a third full of a colories, visious liquid that gave off a queer, marky oder.

"What do you suppose that stuff is?" I asked Dr. Dorp.
"Jacks like a heavy allumbasus or relatingue po-

bition," he said. "Pessitiy it is seree special conpound the professor employed in his superirecris. Mediums of this nature are often used in the cultivation of colonies of bacteria and it is possitic that he intended to use it as a corrier and foot for the organisms it was his ambition to create anythet-

"Any idea what remaid the death of the professor?" asked the thirt.
"I have a kneey," replied Dr. Dorp, "but it means to likepoal, so widely impossible, so—or, southersy to the deathings of network that I profer to kneep it to try-sail for the present, at least."

A heavy tread sounded is the hallway and a

moment liker a l'in-usiformol officer extered. "Helbs, Roccesy." grected Chief Modeuw. "I want you to see that no one discurbs this rosen or sie explorte until the correar arrivas. We are going desermates now. Keep a worther er on things and I'll sard a runs to relove you com. If either of these arealisages wants be ceree in all any time you

these gentianes wants to come in at any time you may admit hits.

"Yes, sir. I'll remember there."

We trooped form stairs. Two vernes were sented in the living room. Ghief McGraw presented us

to the younger, who provide the the perfusee's degrater, Durchly Townson. Ste was a shear girl sheaf twenty peers of age will pells, regular features and a wealth of grid-brown hair. He mays, expressive your were red with recent veryon; and her hips quarered sleightly as the broad to use for the first twenty features.

naighber, Mrs. Harms, who had been underveying to confort her.

"Hirsch and I are going to ran down to headquarters for a couple of hours," said the chief. "Would you prefer to come with us or stay here and look arcent?"

"Would you prefer to come with us or stay here and look around?"
"I think we had better look around a bit if you don't mind," replied the dooter.
"All right. Per going to send a men to relieve Browns at it, will be about mend a little little.

If you discover anything new call me up."

an When the two man were gone the dee
before Miss Townsend.

"State the or all in yesterday."

"State who I was thicking," responded the chief.

"State who I was thicking," responded the chief.

"May I have a few words with you in private?"

They controlled the challenge which was directly and the lyting room, and cloud the door. They must have been green about a half loop, but it seems the controlled the challenge of the challenge has been been counted the challenge of an operation as the non-count of the challenge of an operation as the non-count of the challenge of the challenge

abode if you wish

before, one of her recomme had been found deed in bled.

Ble proxided on with scarre a passes until the dare of the study coursel. I was glad when the went unstains with Muse Yownsend and left Dr. Dorp and me tegether.

"Come into the study," he said. "I have learned

"Come also the study," he said. "I have learned more interesting impray, and it is persisted that more smaller as in here."

The said is not have."

The said is not have. "The said is not in his persistent in here."

The said is not have the persistent in the said is not been presentative. It has obviously the reduct of a profound student as attacked by the load-limits of the winner of which was were a said, many of the viouse of which was were subject to the said of the said of the said of the brigg, relies p dad, a musher typewrite dad, to which said as baside makins, a limit realized, two which said as baside makins, a limit replaced in evaluation, the said is said these constitution consistent in said the wastern than the public of the said of th

conveniently under wall lights for reading.

A bride gile of typewritten manuscripts by on
the reli-top dask. The detert divided them, hendling
ne half and activity plants! (conclinately is use of
the oversitefor cluim with the other half.

"Man. Townstand hindly fermion that we not of
the first of the conclination of the other and
any state of the determinent of the cluim
trains cause of the death of their half or,
we are the dividing the week."

"I believe I can confined a more intelligent survive.

"I believe I can confinct a more intelligent search itypes will give me some size of which I am to book itypes will give me some size of which I am to book of the property of the property of the property of the "Quite say," he agreed, "I had frequetten for the moment that you were not faradar with the details of my interview with Miss Townesth. Let us review it briefly.

"She finished selool natify a year ago, and since that this has been catting as her faither's spectrary, and that which the continues of the continues of the conhair valuations correspondence. The has been worked for an oranged from torough a content of the c

covery. This yearner, who was living under an

as Immune Benny, and is alleged to have committed

comerces orimes, among which were several re-

toka kapi ng unif dend. Ise paid no attenden no his correspondence or memorphic and quest the present part of he time in his bloomkey, present which he had desired send at the latest the part of the time in his bloomkey, present which he had desired send der, life fire departments, also attitude were worth miss, rate and quines make a stated, were worth miss, rate and quines had been larger dong mixing, on the day before had death he had not large manufall because the house and the had not have manufall because the house and the control of the house and the three had death the part of the house and quite maternily assumed that they had been the mightest of viscostice. My likeway it that he was a supplied of viscostice. My likeway it that he was a supplied of viscostice. My likeway it that he was a supplied of viscostice. My likeway it that he was a supplied of viscostice.

otely deer. He rose and opened it, revealing a county uniformed pollossum. A frighteent busemain parent forms the large bulk. The measured grandly perturbed. His voice shock as he assumed grandly perturbed. His voice shock as he "Where's Econory" "He's on general in the labecutery," replied the doctor. "Are you the mea sent to refers bury" "Ym Office Burde. "Ne media, laws, showed me

to the interestory, pip in access were taken, we as a heartiful place. Dur't Means has der Sceriff; Their indecedors on the first mer't emitty protect; Their indecedors on the first mer't emitty protect; Their indecedors on the second of th

## A Stream Dierr

WILAT we see in that saving room of death confirmed our willows feers. A shielder, we shall be seen a shielder, which was the been without a filter than of the prefessor, key not the four facility of the derivary. One longs aren was structed across the threshold as if it is owner had been attempted to draw himself from the room whos alroad down. A lobe sufferent from the room whos alroad down. A lobe sufferent from the room whos alroad down. A lobe sufferent from the room whos alroad down in the fact work to be a sufferent from the four than the sufferent from the four than the sufferent from the four the fact of the fact

the recursivest figure. Then he turned to Offsor burke who had come up behind us.

"What was Booney's number?" he relead.

"942."

"16st is licensey's uniform and it probably their is his aboleton. Citl up the chief and tell him what may be appeared. This is here?" he—dishlocal?"

heir is his stateton. Cell up the chief and tell him what only happened. This is herrible—diabolited!"
"Your theory," I said, "does this shed any light on it?"
"On the contrary," he replied, "It makes the case time beefing than ever, it seems incredible that

aged though the really happen. I tell you, Evans, there is some inysterious force at work beresemething new and unbaard of in the annale of scientific research. It is my opinion that the late Professor Townsond channel uses some force

### AMAZING STORIES the - Norte child with fire until it suddenly de-

stroved him. The death of Officer Rooney is omple proof that this terrible force, whatever it may be survived him. "Now let us conjecture regarding the nature of this there that has taken the lives of two human beings. We know that the professor's obtef ambi-

tion was to create life from thert matter. All of his experiments in the laboratory were made with this object in view. All his printed works show plaints causes by which he halleyed nectorisans, the primitive basic life substance retable by analyzed. As most skilled chemists have been unable to usravel its secrets. In fact, the further a charcist gets in his attempts at analysis the more hafting and com-

of carroller atheteness which are to turn composed of others still more courries, and so on ad infiniturn, its secrets are fully as inscrutable as those of "The professor's first-step, therefore, in this seemingly impossible upfortaking, would be to analyse protoplasm. Assuming that he succeeded in reducing it to its basic absents his next ninh. lere would be to take atmiller elements and through a process even more corroles; tham the previous one,

secretals and necessarily there will they were canable of anotalning life. "Let us suppose that he did these things. Let us assures that he has succeeded in creating arotoplane. What wort? We will ver that he has taken some primitive form of life for a petters, a monerea, perhaps, the most simple type of animal, consisting of a single call of protoplasm. There still exists a difference between the moneron and the synthetically created refl. Chamically and physically they are the same, but the meneron is olive, "What is life? Broadly defined as we recognise

it on this earth, it is a temporary union of mind and matter. There may be, and probably is another kind of life which is simply mind without matter. but we of the material world know it not. To us, smally dead. The recogress has a mixture acciling it what you will. The professor's cell of man-made sible way in which he could, having reached this atare, create an individual mind or roul, an extense of life that, once united with his call of westerdown would form an entity?" "It sames immortals." I admitted

"It seems impossion," I admitted.
"Re it seems," he replied, "ret it is only on such deaths of the professor and Officer Recory." "But I don't see home a moneyon or a creature remotely resembling one could kill and completely downers a room in less then two hours." I objected.

"Nor I " second the doctor "In fact I can of the eninian that, if the professor did succeed in creating life, the mostly was police and creature recenter mechanic with understand of mounts and possibilities-on slids organism among billions of other organisms, buting them all because it has pething in common with them—a malignant sortity and growth with only hatrod of and envy for the "If the professor did surgeed in creating or discovaring such a creature." I said, "it is evidently in this becau at this very miment. Unless it has the faculty of making itself invisible a thorough search should reveal its whereshouts, for having construed two man it must be a monster of no mean

"That is true," wealled the doctor, "however, we have another handheals that is assulte mostly at our consideration if we accept the premise that the professor created a living creature. Judging from his writings he spent a considerable portion of his time studying and conceimenting in micesbiology. Suppose he succeeded in creating a mucroplex he finds it to be. Being a compound composed sceptic organism, and that organism had the power that is, by simply dividing itself after it had atwould be death on lask of food. The many food it

could obtain that much more rapidly would it and creatures might occupy this room and yet be invisible without the aid of a conneued microscene There is smale room for a swarm of such creatures numerous enough to devour a mon to froit in the The words of the dector affected me strangely sworm of man-sating microbus to descord and do warer me. For a married I was solved with a feeling of panie so strong I could scarcely restrain myself from leaping for the door. The fact that the ing in the room sugmented the illusion. I crowed the floor nervously and pressed the switch beside the door. Bustantly the wisce was fleeded with blue-

white light from a singler of newerful stokes do-As I was recrossing the room my even fell on the contents of the glass-lined tank. I atgred unbelieve ingly for a marrient, then called Dr. Dorn. "What is it. Every ?" he colord. "The liquid in this task," I replied, "It has

channel rates. Sarrething has turned it wink " "The effect of the artificial light, no doubt." he sold, coming up health res. Then I saw the course and worder. "You are right," be exclaimed. "It has not only

changed color but a still more remorkable trausformation has taken place. When we noticed it this afternoon, the tank was a third full of the colorina Bould. This mink fluid roushes half your

## A Personal Billion 1974, Thomas

MIE trend of more fast sounded in the hell Chief McGraw raused in the decrear, starbee down at the blandad skeleten on the "In-is that the skeleton of noor old Boorew?"

"I'm afraid it is," replied Dr. Dorp. The chief kneit and examined the star on the bagging blue cost. "H's ballish, nositively bellish," he said, vising, "We are working on a theory-" began the doctor, but was interunted by the chief. "Theories be damned!" he snapped. "Work on

your theories if you went to. This thing has gone too far. I'm stone to get some facts." He swang on the four men behind him. "Searth the house," he said. "Look share for sything of a suspectors nature. An informal machine, perhans, or a blood

surking animal. There is a mun-killer of some kind, human or otherwise, hidden in this house, and it's our business to find it." When the men had denorted be steeped over

Romey's akaleton. "PH saurch this room severit?" he said. He did, with professional thereuphness, leaking for hidden namels and assurding the wells, both in the open areas and behind the shelves, for hollow

spaces. Then he began courses the drawers in a lenses, platinum diches; porcelois drying mant. tulting and stoppers, rubber gloves and agrous, and other refreelingens laboratory parapherasiin.

The bottom drawer of the cabinet was quite large and doen. The chief gried out entitlely when "Good Lord! Look at that!" he explained. It was filled to the top with dry, white boxes

Dr. Dorn, recking up a skull, "This, for inchance, is the skall of a dog." Then, taking up another: "Here is the skull of a rebbit. Notice the shareteristic chisel-chaped tecth. This one beside it once supported the ke-whistored countenance of a com-

"What do you suppose he was doing with thum?" he killed and devoured by the same thing that killed

"And that thing is-" "At present, merely a shadowy theory, although it must cortainly has an existence. There is a vector in this house that is a measure to overrome hurron beanes in some mysterious marger unperalloled on the armals of asserted or human apparlance. This much we know, reasoning from effects. Reswaiter from nearible courses we are aware that the create a living thing from inorganic matter, and

notting the two together D seems to we that the logical hypothesis would be that he either succeed-Rologists, or discovered and developed unbrard of "If there's such a thing in this house, believe me "If there's such a thing in this house, believe me I'm works to find it," said the chief, starrellay did "Mace that we have a few recessals to ourselves."

conduct a search, or rather an inquiry on our own account. I perceive that we have a very excellent compound merroscope at our disputal and am currous to examine the lightly which has so mysterigusty rises and changed color in the tank." He took a blank slide from the cabinet drawer and a small rises red from the table. As he was about to dip the red in the liquid he attered a low exclamation of surreise. "What's an nearly I saled

"This amazing liquid has again become trans-perent," be redied. "The red tist is gone." He planted the tip of the rad into the visague liquid twisted it alightly and withdrew it. Although the liquid seemed quite heavy it alipped from the end of the red much after the meanur of the white of an cgr. After considerable jurgling be succeeded in obtaining a small amount which be ameared on the slide. He then placed the slide in position and adjusted the migroscope with a prop-

"Wall," I asked, after he had peured into the eyewhere for a full ten religious, "behat is the stoff, any-

"Here, look for yourself," he realied. What I saw in the field of the microscope appeared to be a mesh work or from work of exceednely fine bubbles or perhans clabules. Granules of different steps and always second imbedded in these sinkules and the whole was detted at inter-

vein with small white objects. While I watched soveral of these white objects seemed to dissolve and discovery. All of them apparently were endowed with life, for I noticed that they amanded or contracted apassactically and normed endeavoring to much their way through the surrounding beshilles. "Seams to be a sort of foam," I said, "with some-

thing alive feating in it." "The foun, so you call it, beers a singular resemblance to the basic life principle, protoplasm, when seen under the microscope," replied the don-"Dut these white things...." I become

"The whote things," he went on, "are the living remnants of a complex organism that has been destroved. They are waging an unequal and hopeless battle against cosimilation by the globules that egrround them. These faithful guardians of the organism when alive still fight, and will continue to fight the enemy until, figuratively speaking, the

"But what are they?" I demanded "Unless I are very reach rejectables." he resided. They are-His custor was set short by the surseymen of

"Coroner and jury are downstairs," he said termeby "I suppose ther'll must your testimore. PH leave a couple of men on guard here if you want to come down."

"Let us on down to the study and correlate our secural of the professor's manuscripts while the fury is in session," said the dector. "We can thus

rem considerable thee and will be on head when they are ready to operation us." We met Coroner Herror and his impre at the "My suggestive is that we immediately destroy

foot of the stairs. They were about to yo up for an inspection of the laboratory and its grugoome contents. Dr. Dorp switched on one of the reading lemps and alosed the door. They he cotablished himself in a comfortable chair with a pile of manuscripts and I followed his example. We found usuava and articles on almost every subject pertaining to the transmission or seneration of his. There were papers on anatomy, burteriology, cell-statisture, microbiology and contryology. There were tree-

times on evolution, sportaneous evolution, and the ful and extremely impressive many set forth the autounding theory that all life was merely a form of force generated from matter. The reasoning Syntamica, stated beiefly, was that just as electwicity a force that is invisible and indefinable, is generated by the fraction of particles of certain kinds of matter, so life in susercial and springs into being when certain other types of matter come torother in the right respections and combinations. "What is your aninion of this theory?" I asked "It is most eleverly put, but false because based

Dr. Dero. on the false premise of the materialists that there are but two things in the universe, matter and force. They do not recognize the power that controls the force which moves the matter toward a fixed objective. That hower is mind. Thus, to them, all life and all mind are merely forms of force "If the professor succeeded in creating a living three from usert matter," I said, "it seems to me "Who T" "Because he was experimenting with dead matter

and not with mind or living creatures. There would he no mind or soul involved to inherit its being from a parent mind or soul. A new life entity formerly contained no life." "I think," said the doctor oxietly, "you would have stated the proposition more apparately had you said that a life entity-a mind without a bodyhad been indpeed to enter the body synthetically created." Our discourse was interrupted by Chief McGraw, who informed up that we were stanted by the

2200220 The Coroner's Jury R. DORP did the talking before the coroner's jury. All the way through his testimone was norotive. When asked if he had any idea what billed the professor and the policerran be replied that he had several ideas, but none of

there would be worth beinging before the jury withcut more facts to substantiate them. I could see that his purpose was to got the inquest over with tiration. After due deliberation a verdict of "Douth from cause or couses unknown," was brought in and the "Now that the inquest is over, what do you sug-

enet?" McGraw saked the derior.

the liquid in the class-liped tank in the laboratory, "Because I am convinced that it is at least one of the causes of the depths that have taken place "I suppose you have a good reason for your assumption." "An excellent one, I believe. While you and your men some seaming the house. Mr. Ryans and I

"Why?"

conducted a little investigation of our own. We out some of the Benid under the compound migrouconvinced that my gres did not deceive me. Tell the chief what you saw, Evens," I described the foam work, the granules and the white objects which appeared to he slive and struggling to occupe. "All Greek to me," said the chief, "What was

"The fram work with its accompanying grantles closely resembled protoplasm, the basic life substage." "And the white things-" "Were white blood corpuscles from the veins of

a human balan. They were the strongest of the human body cells to resist assimilation and ornorturned the liquid strik for a while but they had disappeared hefore we made our migrescopic exam-"Good Lord, why digh't you tell me this before?"

demanded the chief. "Let's so so and destroy the shiff now. Those two room up these might be killed any minute We found the two policemen unharmed and made our plans for the destruction of the substance in the tank. Several dentishes of soid stood under sulpharie actil

"Once the windows," he ordered. "This is miner to make a hearthle stonels Then he removed the rubber stooner from the the edge of the tank. The searing hould struck the becove field in the tools with a blestor occur and bowd into it like hot water poured in a snow bonk. The jelly-like mass outwood slightly, and pungent, namenting furnes areas to forment our

Then, suddenly, as if in horrible pain and awakened to the denote of its dissolution, the plasmin substance Segan to heave and billow toward the top of the tank with a movement suggestive of the writhing of a huge coiled surport in its death agony. By directing the streets of add at the various reaks that arese we endeavoyed to keep it all weahed down to a constnot level. Then a decempeaks rose simultaneously and I noticed that one was comed with a round hall to the centur of which was a black spot

"The reselvent" cried the doctor excitative shifting We were too late. The thing upressed itself with it, just in time to see the ball containing the black

THE MALIGNANT ENTITY aget accernte itself from the stringy mass by which "I feel quite cure that he left a record of some it was suspended, drop to the floor and roll under port, though I have never men it," replied Miss

the table An exciting chase of several minutes engoed The thing darted, or rather, relied from place to where with a maning ravidity. The tile floor was eracked in a dozen places by blows from the clubs of the two pelicemen who sessisted us. At length

and advanced in close formation. I had around myneatle, the two policemen had their clubs and the chief held his automatic pistel in reedingsa. As we drow close we moved with extreme caution, our perves tout, our wencens ready to strike

We wulted breathlerely, but no movement came from the corner. I prodded the smoot behind the water pipes with my spatula. Still so sign of the thing we were after. Then I peered behind them and now the ressort-s hele an inch in diameter in the tile floor, nechably drilled in the wrong place

by a careless plamber and left unfilled because it was out of sight. When I pointed it out to Dr. Dorn he shook his "The Melionant Putity has essent?" he mid-"No one in this house-in this community, even-

"You don't mean to tell me that little thing we seers charing around the room dould kill anyhedr." "I am not so sure that it could kill any one now sithough the cytopinum surrounding the auxileus evidently has the nower of suickly dissolving and assimilating fiving thouse. Its growth, aggreently,

"Maybe we'd better get the women out of the bonne," said the chief "The sorner, the letter. I suggest also that you surround the place with men armed with abotgans, If that thing gets out and starts to grow I shudder to think of what may happen. Children will not be safe outside their own homes, and perhaps not even within them. Adults will be attacked as soon to the creature has attained sufficient size, and there is also un the sensibility that it may have the

monsters rooming through the land. It is almost impossible to kill then because of the power we have just witnessed, of leaving the body, no matter how large it has grown, taking with it only enough extenderm to protect the project and make a new We were all garning from the fumes that came

out of the tank, and giad to get out of the intern-

When all were assumbled in the living room the chief phoned beauquarters for men and shotgons while Dr. Dorp and I explained what we had found After we had described our adventure in detail. the doctor said "It seems efromes that your father left no records

of his experiments with the mouster."

"I do not remember seeing a safe in the study." "Naturally. It is hidden. Come and I will show you where it is." We followed her into the study and the swung back one of the bookcases which was hone on concooled hiness, revealing a small wall safe, "Would you mind opening it for un?" asked the

"Have you any idea where it is?" "Parkers in his safe in the study."

the lever. It 45d not move. She seemed sururised. sume result. "It's no use, I sustant" she said. "The last number of the combination is twelve. He usually turned it back to one and then it was only necessary to turn it to twelve to open it. He must have locked it last

"Dan't you know the combination?" "No. Father was the only one who knew that." "I wonder if you would object to our blowing the "Not if it will be of one antistance to you?" Chief McGraw, who had just finished calling bondcuarters, come into the room, "Think you can get us a safe-cracker tonight

Chiefest naked the dooter. "Got was meet anything you want. What's in the safe ?" "We believe it contains some valuable information regarding the thing we were chasing a walle ago." "I'll get a mon out here right away," said Mo-Officer Burlos recorted Miss Townsend, Mrs. Harris and the two recounts to the Harris botte, Shortly afterward there arrived twenty policeteen

where they were to spend the night.

eroco kereya gairryan has amptot dilw hama bulla-eve lanterno. They brought exten weapons which were distributed to all of us who remained in the house, the chief, the decier, the four policemen and myself. Burke was to remain on guard name door. A ring of londeres was blaced around the boson power to reproduce its kind. Organisms of this and the tweaty armed man were posted at interkind, on a role, multiply with exceeding rapidity. vals between them. We then divided our forces as Think of a thousand or perhaps a million such follows: One policemen was placed on guzzed in the laboratory. Chief McGraw with another soller-

man patrolled the upper rooms and halls. The doctor and one rollownen remained on the first floor and L accompanied by a stranging young fellow roused Black, who had recoutly been admitted to the frees, did narry duty to the basersont.

HE Townsend basement was divided into three rooms, each lighted rather dimly by the three rooms, each against these states to the room an incandescent globe sunneeded on a short door cond. The france room and seel him were nituated of the year and. The suriment of boxes, berrels, garden tools, household



#### DR. HACKENSAW'S SECRETS Pop Perkins, burning into Doctor "I will explain. My first idea was merely to simplify the work of the type-writist. At present her

Hackensaw's sanctum and finding him busily working a poculiar looking ma-Doctor Hacketpaw looked up with a smile; "I'm spending five minutes spare time in writing a few

thousand sutographs for that class of people of "But what's that queer machine you're using?" "This, Per, is one of my minor inventions-o-

movie-store, and other celebrities. As you see, the machine is simplicity itself. It consists of one hundred stylographic pens connected in ten rows of ten permeach, stridly held in a frame-work. I write which is attached to the frame-work, thus causing each of the other news to make the same metican. By writing my name once, with the master non on a sheet of cordboard on the table. I get one hunared signatures on the cardboard, which is then out

by machine into a hundred seperate visiting cards. each hearing my autograph. I can thus write a thousand sutcerachs in the time it would take another man to write ten. I may add," continued the foctor, chuckling, "that I have raide some life-long friends among setors and other celebrities, and even among business men and government officials who have numerous documents to sign, by making them a present of one of these machines. Many of these people are so grateful that they would be

"You must have made a lot of inventions in your

them," returned the doc-"As I haveen to have show you a few, if you care to see them. The first

one you see is what I call a Dictation Typewriter." "A Dictation Typewrit-

er'. It's a substitute for the gum-chewing, facepaydering, furtise stepographer, and type-writ-

ist. This machine is warof the sulks."

matically done by machinery."

"How sel"

That's great! But how did you do it?" with a stenographer by dictating into a phonograph. but how can you do away with the person who ham-

"The problem is not as difficult as it seems. My object was to do away entirely with the young lady. An employer is often obliged to let his stenographer see letters which he would prefer to keep confidential. Then too, think of the sums spent yearly for stenographers and truists. Go into any large busily typewriting, when the work could be auto-

delicate hands have to harmour at the keys all day and she is suddect to the maisdy known as 'typewriter's cramp." It struck me that the work could be made much less fatiguing by pressing the keys of corner I could rasks sufficient centect, by touching a type-writer key to awitch on an electric currout that would press down the desired letter. The

only the type that moved. There was no time or energy lost in pushing down the keys and letting several times as fast as with the most rapid presentday typowylter. Russy touch mount a letter. As the kees were metioniess they could be crowded close together, separated only by insulating material. I saved so much space that even using separate keys for the capitals and shift-letters, my keyboard was smaller than the standard size. The typewriter itself was greatly simplified as all movine mosts tween done away with except the few aminio ones necessary to turn the type-wheel which cordsined the letter on its rim. Resh touch released a planger that forced the wheel against the paper, writing the character desired. "So compact was my machine and so simple, that I found it desirable to duplicate the letters most

often used. For example, there are five 'E's' on my keyboard at different convenient places so there is always one at head when desired. This increased speed so much that the typist could take direction so fast as a stepterapher. Of course, with electrics DOCTOR HACKENSAW has been received, but small of the letter 'R' on the wheel in such a way that making

cerkage we exceed call it, the aun'th-of heliture the viceanythir. Here this increases importar contains to ar some of Mc comparationly simple institutions, giving on an order table table told to can been a modern is so every with the houses typict-and even translator entirely-ric.-all

the session typics—one even (required retries—ret.—its uniful matchines. Still be to thousidefed—on he showing goes alread, ever seeking new improvements. Usually he accords. Here to food for rivergin—and experimentation— —versio if the story is knowneasily tabl. It is full of the

"But," objected Pep, "no girl would be willing to copper-plate her fingers

"No, that was just my first rough idea. My pext immerowement was to do every with one touch at all. wanted a vocal typewriter-one that could be worked entirely by the value. The more articulation of each letter must be sufficient to close the proper

the contact on any one of

the kers would close the

have the circuit is closed and the letter 'E' is

196 I when you finger costed with metallic con-

circuit and print the letter." "Would that he possible?"

was too delicate for general use, the great difficulty baing, keeping the gas jets properly adjusted, in

"Restrely so. My first model consisted of a suries of one jets so constructed that each flame flared unto soon to some particular letter was spoken. This fiszing up closed an electric circuit and the latter was typed. In practice, however, such a machine spite of differences of temperature. But I finally,

## AMAZING STORIES

devised a matchie that worked with a phenograph. General water was spoken the vibration of the When the litter was spoken the vibration of the displaying would turn on the proper current to startle the better. It letters?

"In distating, it is necessary to use the prefix 'any when yee with the next letter to be a capital. Thus, if you were dictating the name 'Dickare' you would have to say: 'Cup D-i-c-k-o-n-a' and the mechane would write the word properly with the

capital "D."
"Finahed with my success I decided to go further and write whole cyliables instead of letters. By using the phenograph there was no limit to the number of different keys I would use; hence I could have seenants keys for thomscards of withlikes, all

though the typewriter Stailf needed but twentysix letters."
"How did was manage that?"

"Both symbols have we accuraged that when "Both symbols have we accuraged that when depressed it methods on in turn all his latter which depressed it methods on the turn all his latter which we have a support of the symbols of the

"Three short spinhles that sound althe het are spield differently, like Te' in Taper and Tape?"
"As, that was the stumbling blook. To avoid it. I made my first meshabate leverite Islains, as in that means the meshabate in the Islains, as in that the Islains that the Islain that Islains that the Islain that Islains the Islain Islains Islains

in an hour and the machine would then spell each properly."
"Then you succeeded?"

"Terfectly. By first machine had to be tuned to sail the voice of the dictator, but experients conn taught me to leave enough play so that the machine would answer to any voice. Try it yoursid, and ase how it works. Don't shout, just speek quietly into the monthpiece just as you would at a telephone."

saif, and are how it works. Don't shoat, just speak quietly into the monthpiece just as you would at a telephone."

Pro necordingly took up the meulipiece and spake a few contenes, with some counting from the dustor as to the severer pronunciation, and was

the doctor as to the proper promodation, and was delighted to see that the machine typewrote from her diotation without a single error.

"That's great!" oried Pep.
"Inst MI I was so delighted with my success that I didn't ston them. It was an easy matter

to make a phonographic record that would repeat the dictation automatically as often as required and thus make a thousand typewritten copies from dictation, if desired. "Even this didn't satisfy me. I resolved to so a

"Even this didn't satisfy ma. I resolved to go a oten further and brild a typewriter that would trustlate my dictation autemntically into several differenburganges. I diotated in English and the machine, at tury dictation freewrets comes in English. Pracels. currents am own he made to 'theid."

Douter Hedermon bunded. "This ins' the first Impassible thing that I've mode possible, Page "and he. "As a matter of fact, the thing as simple in theory—shough it is complex in possible. If it is complex to possible, I've were sufficient to translate word few used, the problem would be eary. Say there are a branched those-said words in one in the English lengages. If would only be accessary to have now humbered those-stad leave in soil the corresponding words in the

foreign language. It would be no mirre difficult than my dictation typesurizer, though it would require more loys.

"But the problem in far more complex. Words spoil siller in English such as "row," (is lime) and "row" (the word) would have to be formathed difficuculty into Garnina or Foreigh. It is therefore necessary to make those similar words difficult with dictating. I accomplish this by saying "row 1," row 2," row 2," cancelling to the meeting of the

sary to make these similar words different what dictating. I exceeping his his yasting frew 1, from 2, from 3, seconding to the meeting of the word I are. The proper German convolution is then related, Of source this means that the dictate must spend securities in learning to dictate, but he read know only English soil his dictation will be substitutively transition in the proper has extent."
"How about Silconi, special phrases, proverbe and

stred."
"How about blicons, special phrases, proverbe and so co.?"
"Each idiom must, of course, have a key of its own. This necessarily multiplies the number of

lays. All the lays you see in this room are posts of any mediatine for translating into French. My Neseroise lays will give you some idea of the many produces I and to meet and order. In French ceary must is either mountine for familiant, and its adjectives must agree with the soon in granter. For example: Herea is macralite and table is femining, so a 'good horse' must be translated un how chavel'

"In French, too, most adjectives follow the near instead of preceding it as in Regulat. A Frenchrum does not key 'n black histor,' he says 'un chevel' mit (Le, l') thoras black'. Also, French werte marked, there are a large number of foliassite phrases. All these difficulties, however, I overourse by an arrangement by which as typesertiling it does before a complete seations in delitated. Au-

construction of wheth and their proper terminations."
I don't understand you."
I'don't understand you."
I'will explain. The adjective 'black,' in Freich

"I will explain. The salpethre distar, in Precok may be either soft, notes, notes notices, executing to the gender and number of the rount test follows. My key for the salpetite 'bland' nor write are set of lines four words. If the first home-loop that finger test turns around the key 'black' on set we write the weed noins. As the adjective 'black' must always follow the soon, the key 'black' is not sorounded with an inversion downs that prevents it from the contract of the contract of the contract of the in is researching, so that if I delicate his words.

efficiency experts?"

DR HACKENSAW'S SECRETS

day, when I have time, I shall construct a translations, but I cannot at present spars either the patience or the time and money required. Besides three would be little demand for such a reaching These commercial machines, however, fill a real

need. Every large husiness house needs one. The expense is not probibitive as hunness letters recuire only simple sentences and stock phrases that keep recurring all the time. My machine can translate husiness lecture and simule phrases like, 'Have you the parret of your grandmother's coasin?"

That's about the bighest limit of real literature that Pen laughed. "Your idea seems good," said the, "but this machine is much too complicated. Couldn't your efficiency experts simplify it a little?" At the words "Silleteney-sewert" Doctor Hacken-

black horses, the reaching will write agreematically

"Yes, but not as complicated as it seems. How-

over, this machine you see here, is only useful for

correspond our passes. All my Prough husiness let-

"Tsn't that awfully complicated

"Don't talk to me of officiency experts, Pep," said use for them! Understand me, I believe in organization. Organization is promoney for everything efficiency expert who organizes a business so that passes in turn to each of the men who have to work at it, and men out to the delivery warm without

traveling a single unuscensity feet. I also hence the man who lawers the cost of goods without sagrifring the employ. But the efficiency expect who chine, or a button or a stitch on a surresent in a menace to society. In making any machine, engiusers allow for what is called the 'factor of safety.' called on to sustain unduk strains or stresses, and they allow a margin of strength to meet these unusual demands. The efficiency expert, however, spends his time partne down this factor of safety.

outting out a screw here, a gail there, and producing an article that will give may at the least unusual strain, leaving the owner in the lurch at a time when the idle mechine means a loss to him many thousands of times the cost of the extra ninew. Such experts are the bone of my existence. Only once in my life did I ever have occasion to bless an

efficiency expert." "When was that?"

"When I was a young man, Pep, I full in love with a rective and I bought a new sust of clother on the day when I decided to propose to her. But the tallor I bought it from was an efficiency expert who had found means of saving three stiffches on every pair of treasure he made, and thus increasing his gains one-tenth of a cent on each pair. The conneat the seams. Burning with thame and confusion

"There is one field where effetency experts could do useful work, and that is in the standardizing of the roots of different modilnery. At the present day we have standard since of screws, nails, bolts, etc., and this standardisation has proved a great blessing. It would, however, be passible to extend it to a great many eastings and other parts of machinery. Certain parts of one automobile, for ex-

I furroad up and harked out of the room in as much

haste as was possible under the circumstances, and

"Well, I understand now why you don't like the

"Not at all. At the time I felt like strangling

I power dered so near the young lady again,"

ample, should be empable of use on others or on secuplanes or other machinery. Very slight chances in lower the cost of production while at the same time "What is that next muchine you have there?" asked Pen-"That's a simple little attachment to present the theft of automobiles. When you know your car, press a hidden switch. The burgier comes, starte the auto without trouble and makes off. But as soon as the cur begins to move, a sign appears at the

"The nign disappears as noon as the car stone that you will have no trouble tracing your car, for a crowd will stather, and the driver sceing how much attention he is getting will take the first oppertunity to escape. Yet be won't know what ished." "Next to that machine you will me another, can-

ning bread." "Canning bread?" ocheed Pen.

"Yes; while traveling alread, I often found it difficult to obtain sice fresh rolls, and to attempt to earry a numby was cut of the question as they became stale in a few hours. Travelers in the wilderness are obliged to carry flour and bake their own bread frequently or also consent to live on hardtack and creekers. They would willingly pay the small additional cost for extreed rolls or canned sandwiches. If they were put up in time filled with nitragen instead of ordinary air, the rolls will keep perfectly for years. If properly sterilised and sufficlerity moist when nacked, they will be so fresh when opened as when first scaled."

"And that very pergilar machine next to the sandwish sanning marking?" orlend Pen. "That," realised Doctor Hackensaw proudly, "In

it an Automatic Judge. Our courts are now all everypowded with cases. This machine will automatically listen to the pleadings of the contending parties and give a just decision. In fact I'll guarsystem the decisions of the moskins to be equitable

of an 'wetomatic judge!' Why such a thing is Im-

in \$99 cases out of a thousand-which is a larger concetton than any tudes I ever heard of can quence was that when I get down on my known to uccourse to the idel of my heart, there was a ringing "How ridiculous?" retoried Pen, "Whower heard panifile! A machine car't penifily think—or have judgment!"
Dector Hackensuw chuckled. "It would seem so, Pep," said be, "but I assure you I am perfectly serious when I say the machine, will do what I

reform when I say the machine will do what I claim for it. It seems impossible, but as in the case of the translating machine this is only one of many impossible' things made possible."
"But how does it work?"

and used the control of the theorem who is in the control of the theorem the control of the theorem the control of the control

inverse that the mattere cach, and then done are as factor of the poorse issues;" a matchine?" "But in that case, why do you need a machine?" "The machine is weed in set an aid to take when the tentile to the set of the matchine is well as on and to take the tentile brain tentile; that intelligence, their surery, obe "But," objected Per, "It seems to me that you were weed soon learn your system and then both sides would not be engage the normal travers they could be considered the property in the property of the property

"Presistly! To avoid that, I must keep my method scoret. My mechin does the real Sindring. But I absould hire chemp mm to listen quiestly to the state, and at the eard they would accretify draw a allip from the machine which would tell them what would to give. And, and said, I would guarantee the judgment to the equilable in 260 comes out of a

thousand."
"What's that little instrument that looks like a match?" soled Pop.
"That's a gynalonometer. It's an instrument for

measuring a woman's age."
"A gynsforometer ?"
"Yes, that's Greek, and means "The measure of a woman's age."
"Great Scott! How does it work?"
"I got the idea from an author who wrote under

the pen name of Diogram Tubb, who some forty of Jones) of an interment for accretioning a woman's age. At that time, about 1885, the ladies all wors long skirts. Well, this Mr. P. Q. Jones was a philcouplor. He had often should on a street corner on a mulcip day, and he moliced that the helifes, in

complex. He had often shood on a street corner on a modify day, and he noticed that the laffes, in creasing, always raised their skirts a little, in order to keep them out of the mod."
"Well, there's nothing were extraordinary in

that."
"No, but Mn. Jenes noticed the remarkshie facts
that the extent to which the skirt was raised, wared
with the age of the woman—in fact he found that
the amount of stecking displayed was directly proportional to the womanin age—the sline if the woman,

instance of the law of compensation—making up in quantity for what was locking in quality. "Mr. P. Q. Jonce used this fact as the base for an intransest which be called in Jynanomonder' and harmonic states of the called the properties of the law not. In this method is instrument on the thick you not an improvement of mice on Mr. Jones' time—a very simple means for ascertaining the age of your matthe-brishow or any other of your female



"As you say, my deview was simplicity loadf. It constitude nearly of a fail on which was a fixed neafle and a movehly suche. On a modely day you could stand example the feet own from the early and place the instruments on the fixed needle is perfeatly besticated three feet freem the greand. Thus you wall for the lady to seen along, and when also trians of the fixed you could also make a long of the fixed which we have a fixed to be sufficiently at the highest while perfect on the studying and you could at some read her exact age on the disk in years, meaths and days."

"Good havena! But the thing wouldn't work meetably when well were front within?"
"No, the fashlone changed and I was obliged to modify my instrument. As a premoit arteries harden with any, I tried to make one that would work according to the darges of hardenes of the artery, but I failled. When the sudden was invented however, I succeeded by making a dynamicomater that worked by electricity. Revey human being it as electrical machinos—continually penentiful gold-

so electrical another—continually generating abotried currents. Coreful naivy showed are that these currents vary with age. By the use of an auditor I could amplify these currents and I countroted the rather complicated may be a properly and the combies not to tall a lady's scatte age in an instructed the properly of the country of the country of the best most to get a fortune from my during, but would you helder it, the thing has brought my

"I expected to make a forture from my derice, but until you believe it, the thing has brought me sething but trouble and venution. Like Mr. Jones, I have lost all my lady friends and lives become ending the trouble and venution. Like Mr. Jones, I tarre lost all my lady friends and lives become in the larged from my feasure relatives because I chained to know that; again better than they did themselves, and the late of the law that; again better than they did themselves, when we have with. One of them for the knowness. Any works with.

the higher she raised her skirts. It was another other is a woman's age!"

### The Runaway Skyscraper By MURRAY LEINSTEIN (Concluded)

years \$40 by, three senerations were been, grow and baget children, and died again Botelle, held fast in Arthur's arms, thought notitinc of such trivial things. She put her arms about

his week and blaced him, while the years massed Of course you know that the building haded

which it started, so that when the frightened and excited people rouged out of it to stand in Madison Square and feel that the world was once more right side up, their bilarious and incomprehensible con-

a contagious madness had broken out Days record before the story of the two thousand was believed, but at last it was accepted as truth,

and contrast azientists studied the matter ex-There has been one rather queer result of the nursey of the runaway skystraner. A certain Isidore Rekstein, a douler in jewelry novelties, whose office was in the tower when it disappeared into the past, has entered suit in the courts of the United States against all holders of land on Manhattan Island. It seems that during the two weeks in which the tower rested in the wilderness he traded independently with one of the Indian chiefs.

whatever. Strictly speaking, he is undoubtedly right, as his

deed was signed before the discovery of America. The courts, bewever, are deliberating the question with a great deal of norwlavity Eclostein is quite confident that in the cost his claim will be allowed and he will be admitted as

with all occupiers of buildings and territory paying the mash time, though the foundations are being reenforced so the estastronhe curnet occur again, his entire effice is packed full of articles suitable for trading with the Indians. If the tower makes another trin back through time. Relutein hones to become a landholder of some impertance. No less than eighty-seven books have been written

by members of the responsible two thingsard in description of their trip to the hinterland of time, but Arthur, who could write more intelligently how that he cannot bother with such things. He has two very imperious matters to look after. One of the building so that a repetition of the catagtrophe cannot occur, and the other is to convince his wife-who is Erielle, naturally-that she is the most adorable neesen in the universe. He firsts the latter task the more difficult, because she lesists. a title-deed to the cettre island. He cisims that his that he is the most adecable person-

TO OUR READERS

NCE the second issue of AMAZING STORIES with the most flattering and endominate letters In soins through these letters we have been than once a mouth. Some have ever our gage as far as to demand that AMAZING STORIES become

We have given this a good deal of consideration. and while there were several bursdeed such letters. -which we are doing hereagh). We ask you to be kind enough to fill out the Nezk at the battom of You may rest assured that we shall accode to the found that we should publish the reagarise twice ------voting coupon------

speechly; that is, appearing every fortnight. 53 Park Place, New York City STREET and ADDRESS . . . . . . .

Gentlemen -I like the magnetice as it is now-a monthly [

## The Malignant Entity By OTIS ADELBERT KLINE

tecia, cannel fruits, empty fruit jare, bettias, and what not. The front room was used as a laundry. Officer Black and I sairched each recon thoroughby, sume a fisch light in the dark corners and moving everything that wout? fastened to the floor or walls. Several whee jumped out from behind keens and barrols, but we saw no alten of the creature wa

We were hartitize.

We were gearing behind the furnance when several load squesks came to us from the middle room.

With obsigual high in readiness, I moved steelther toward the paint from which the count came.

There, in the center of the floor almost under the yellow sleetful hight bull, I saw the final disappear-

of these is a point from whose the county of surface plants in the point from the point of the yellow plants in plants in the point of the points in yellow plants in the possible of the points in the Spy fact implies can to also, the on according to after if possible. Enteroxing Black to hold his week in the possible. Enteroxing Black to hold his week in the possible of the possible is not a failed in carevased the the information a longe empty brink line and well-all sufficient in the possible of the possible in the point of the possible of special possible of the possible of the possible of the body of the possible of the possib

tisches on the body of its victim. I could use streets of largite red inviver through the sligh-like mass as those of the messes was from up for askelludient. So the street was street up to the street with the slight slight and street which is slightly a first showel which Sikek brought me, under the thing and the votetim, I turnout be jurisfied the up. It full to the bottom of the reception, slightly different slightly as the slightly as the

"Now try to get lower, you dwill?" I cried, shalling the jer contiantly.

1 almost dropped it a moment later as a muffed explosion jerred the huijding. Then I remembered Chief McGraw's and-oractor, and hurried upstairs. When I resulted the Eving-room, Dr. Dorp was

converging from the sixtly in a cloud of phaster dust. In his hard was a thick, besch-sat book.

"I have the professor's disry," he called cretically.
"Don't get fused over such titiles," I reglisd.
"Look what I've got. Caught it alive, too."
I put the jac on the table and he sequinded at it for a meaner. The blood-likewist memorated has become described by the sequential its shapekoe built, from the withcred

bares of its visities and was slogglithy crawling up the side of the glass.
"You except it, more except," he wid. "I only heps it hint's ray little says or daughters about." "TII keep the busis under guard for a could to have "side Chief Medeway who had come down to have been considered or concluded about." It is not to be considered or concluded about the could could be the considered or concluded the contraction of the considered or considered the concept to above themselves by that time."

The doctor draw a chair up to the table and capitaly accurate this pages of the diarry while we watched the maties of the thing in the jar. It large getting lighter colored all the time, and more lively. By the time the cytopiasm had become transported it was reason areas, contexting its bedy into all laming of shape—this, weak, and rounds. At times it

put forth pseudopods, senetimes slorgating them until it resembled a small cuttle feet. "September treesty-field was the night Imesune Berny died waarf it, Chief?" asked the doctor. "Right, Why?"

"Right. Why?"
"Then this disry tallies with Miss Townsend's testimony. Here is the professor's entry.

timony. Here is the professor's entry.
"September 23, Nearly Mishight.
"Enrobe! I have succeeded. I placed a tiny drop
of contheniums on the able touleist as I have drop

a thousand times before, and concred it with a weak, sterile relation of polation.
"I muchael is steatiffy for a half hour but nothing happened smill, residently, I motived a tiny black agost forming in the center. I am positive there were no measurable either in the newtherloom or the whom

distinguishable than yes speek of continuous began newing about as if searching for food. Evidently it cannot subside on softime. "I next introduced a rivinged into the solution, My avient displify resemble, it, but in larger and ext about much father. I would to common the

Any discuss another recessors, it was no in surper and perts about musch faster. I wanted to conspure the time but the rhizopod was quickly decoured. News I know what he food it!"
"It is growing late up I will not read all the details to you," continued the doctor. "Suffee to any

that the professor discovered his synthetically creatord creature would fixed on nighth, but living creatures. He field it so many microscopic realmsh the second day that if gover to a list robustle to the naded syn. Then he field it grains, manyetius, files, houlds, and fixally mice, when it becomes so large in wan forced to transfer it from the small procedure distribution, gover as finding to the proper contingent of the control of the control of the large production of the control of the control large production of the control of the control large production of the control of the control of large production in the control of the control of the large production of the control of the control of the large production of the control of the control of the large production of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the control of the control of the large production of the control of the contr

bring resultures it was permitted to devour. At length to was considered to keep in in the glassification that the second of the second of the second of the flatents. Its violents were thereon into the said after and were quickly filled by the measter. He motived that it was singular wide assimitating its food, but moved with attiling entities as when mangry. Though it had no space it seemed to scene the approach of food in come way and forward the incitation of the second of the second of the second from his hands.

"Vestarding the preference fed two mentific his or."

y the recon. Hardly had he closed the does of the likewitely before the mouster was out of the half. It kinds and devocated the two highests beas then the control of the control of the control of the tank to dispet the most. This could be written record of the professity advantures with the Mallyment Entity. His whitened become on the does of the above the control of the control of the control."

"What are you going to do with it?" I asked.
"Come," he said, taking up the jar and starting
for the basement. "I will along you."

#### The object and I followed him down Are You Digging Your Grave cace room. He corned the fire-door and toward the ter on the element The thing raced about spasmedically

for a moment in the intense heat, then afrecet filling the receptacle in a skame ht this only a figurant of my the curved glass, eyes glowing with in a ener! that revealed crooked, yet our faces. For a moment only the

was empty of all save a timy pile of white, flaky ash and the hones of the Dr. Doro shot the door enddenly "That face," I exclaimed. "Did you "A super distortion of the exacts-

turbed. He draw a long binck eight "Distortion, hell," he mattered.
"H, was a seriest double for the face
of the man Become THE END

An Experiment in Gyro. Hats At alx the past morning Anno

my wife, and I all went into the yard to stop Waltingham. Then it enew that when the sun arese the thin ice would malt, and as Walsinghorn's feet could no lenger sile easily, anald in all probability he overched is two, a most unsatisfactory condi-But white I was stonding in disease and Anne rushed to the cellur and brought out the etcoloder and the nick. Plooing the stenladder close balling the point of the ice pick at

Slower and olower he revolved, an out a reel or a stagger he walked up to me and ground my hand while utlet. He had employed in the wight

## With Knife and Fork?

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The Coming of the Ice

(Cencludes)

one second they man before my type and, ignoring me as a baser creature, they although savey that fined of tableted raps and, one by oth, they staff, all with their timy derivered limbs into

id with their thry deriveled limbs into the adverting gain of partiting grating storm, and disappeared. And I was along.

So and I alone now. I have written this last derivative heatery of repeals and of Mandared upon a substance that will, I have, outside even the surce and the five—as it has outside Manking that have the last of the contribution.

kind that made it. It is the only thing with which I have never parted For is it not broay that I should be the historium of this reas—I, a sessage, an "archaic convival?" Why do I write? God kayers, but some histoprompts me, although there will never be men to read.

I have been stitting hore, waiting, and I have thought often of Sir John and Allier, when I howel. Can it be that I am feeling again, after all those ages, ounce tay portion of that emotion, that greet passion I once have! I sam her fan before ma, the

fixed 1 and helf the many thoughts for coast, and conventions in it fail the half-closed and deep, the fixed the half-closed and deep, the partod at though I could crush show with an infailtre of worder and discovery. O Gold 18 is love again, love that I thought was lot! They have often swilled upon me when I spoke of Gold, and muttered show in poolish.

principle amperations. But they are goar, and I am left who believe is God, and meshy three is purpose in H I am sold, I have written. At I am frome. My breath frozen as in mingles with the air, and I can hardy make my maning, fingures. The let us closing over me, and I cannot breat it any longer. The steem offer mirror of any longer. The steem offer mirror any longer. The steem offer mirror any longer.

all about me in the Deflight, and i know this is the end. The said of the world. And I - I, the last mon. The least man. Lam cold—cold. But is layou, Albo, Is it you?

Lam cold—cold ... Set is it you, Alica, Is it you THE END

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